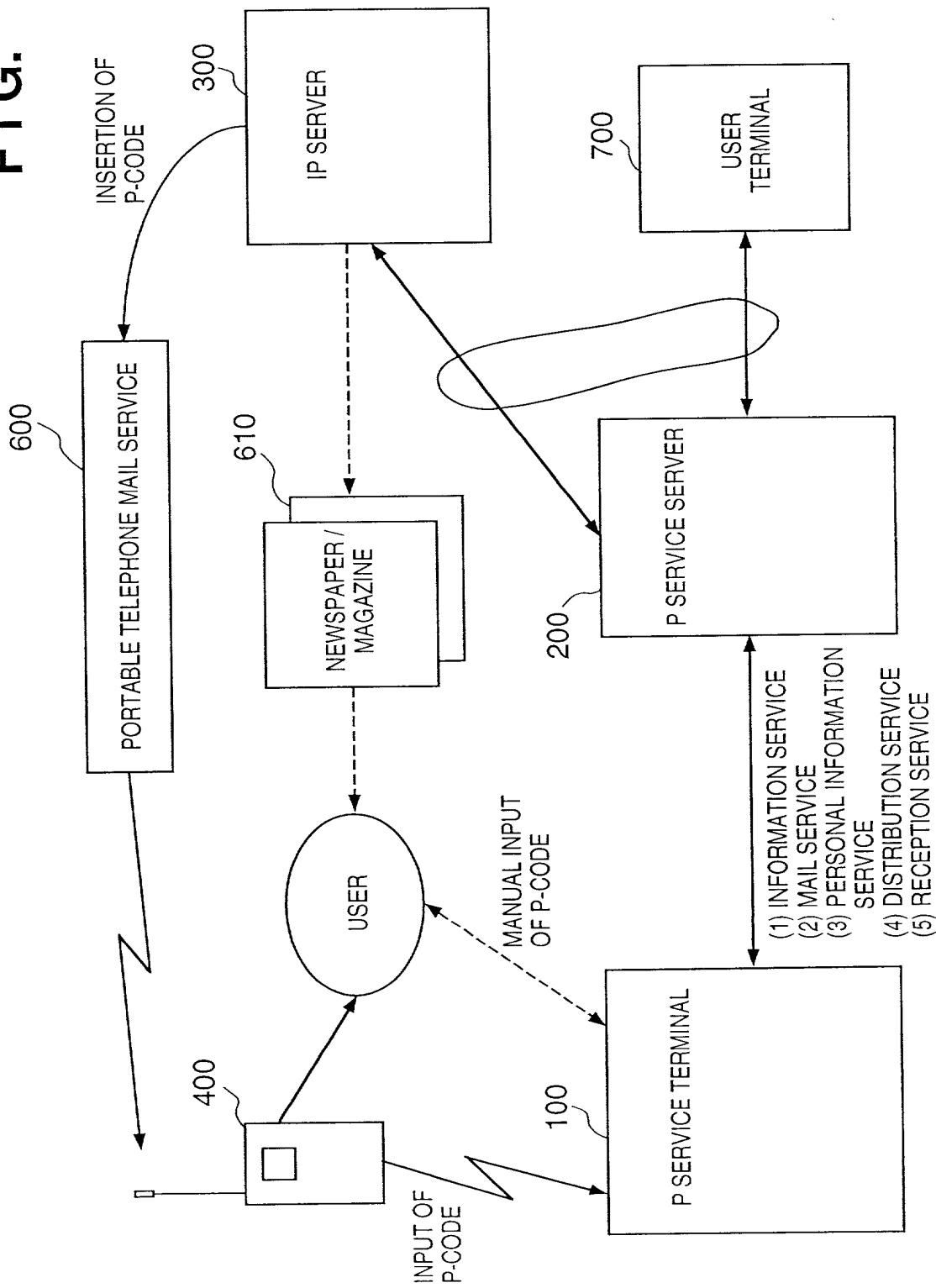


FIG. 1



**FIG. 2**

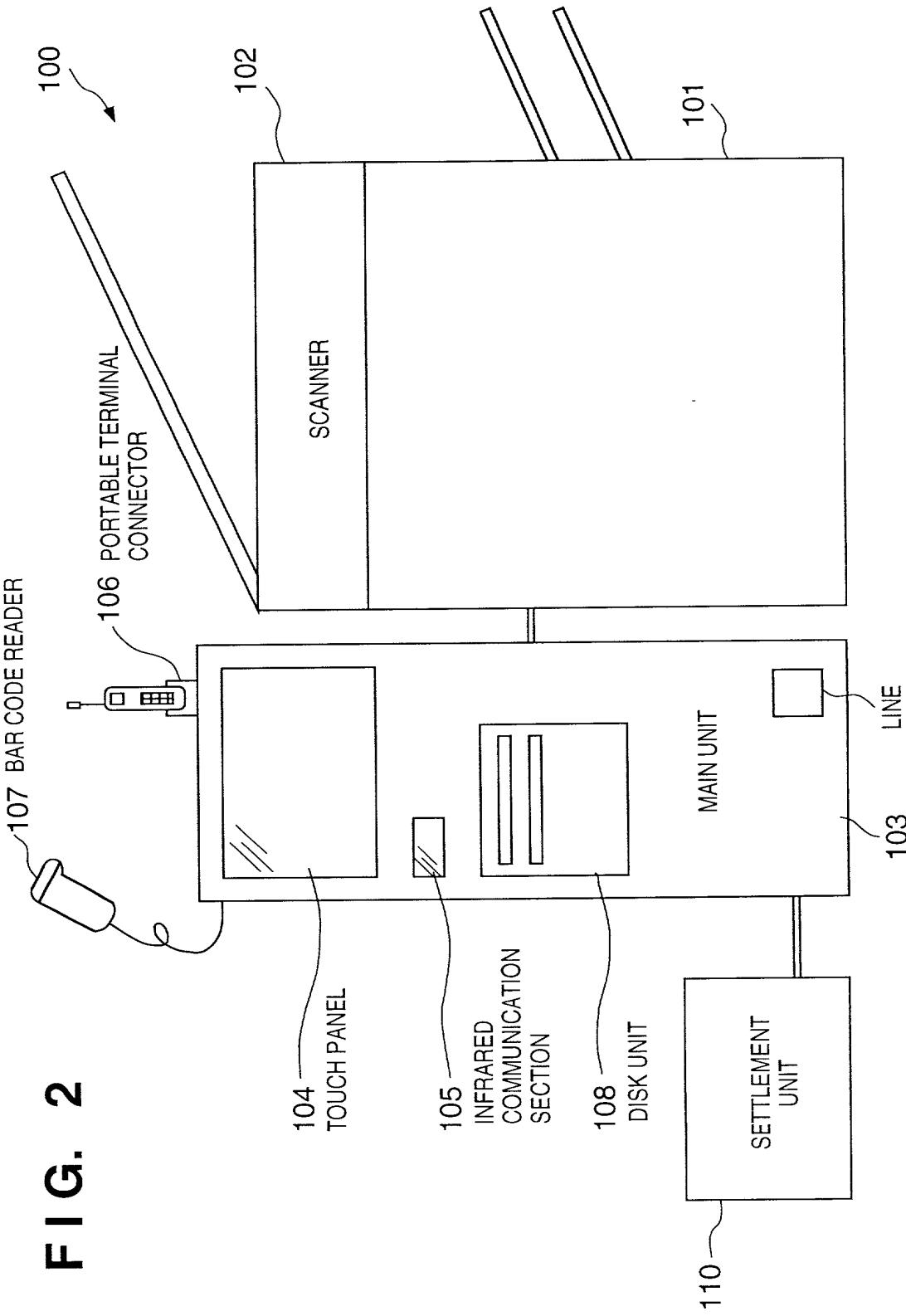
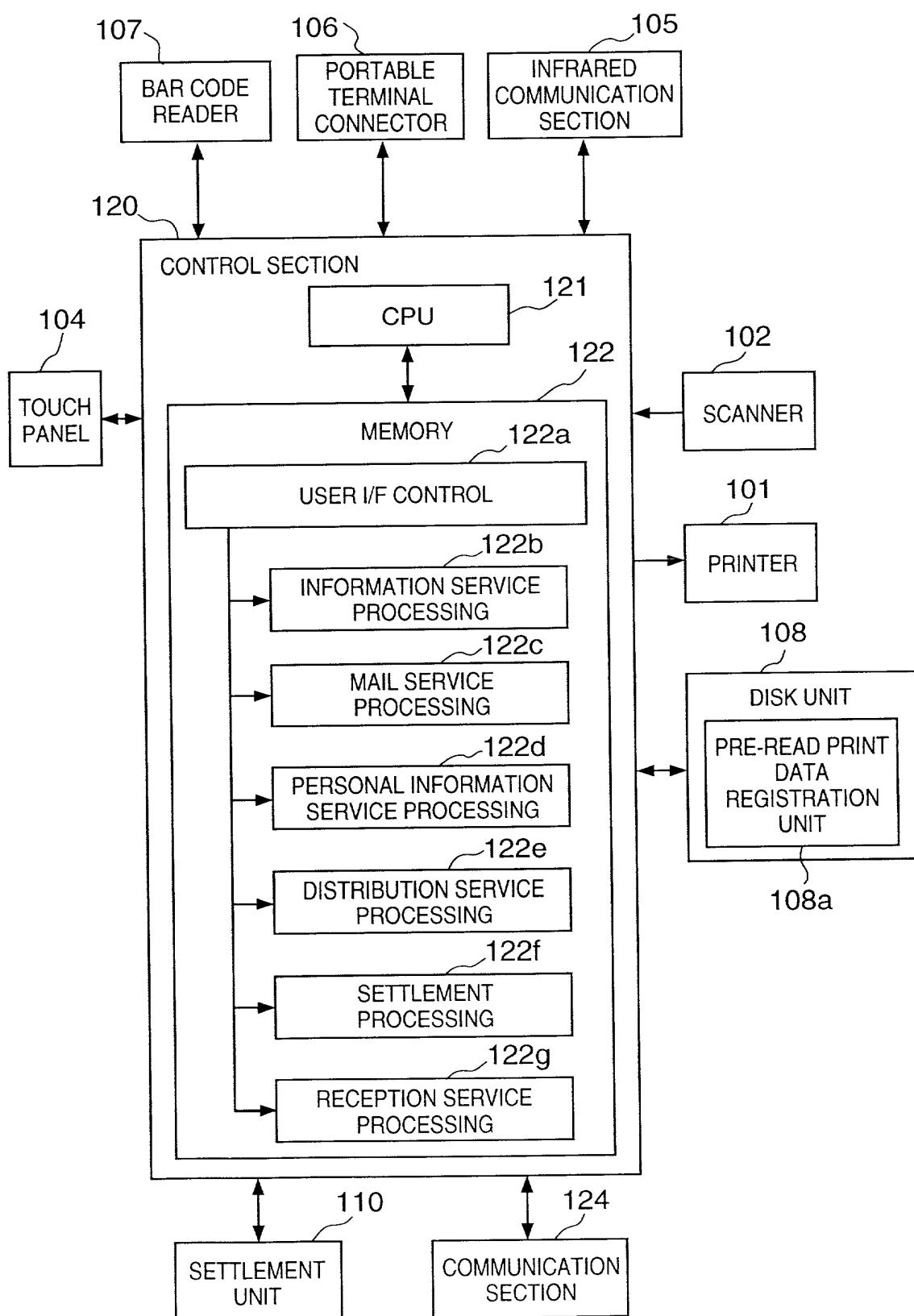


FIG. 3A



## FIG. 3B

TABLE OF LOCAL TERMINAL

P-CODE	VALID DATES OF DATA FILE NAME OF PRINT DATA PRINTING STATUS DATA DELETE NOTIFICATION FLAG NOTIFICATION DESTINATION
--------	--------------------------------------------------------------------------------------------------------------------------------

## F I G. 4

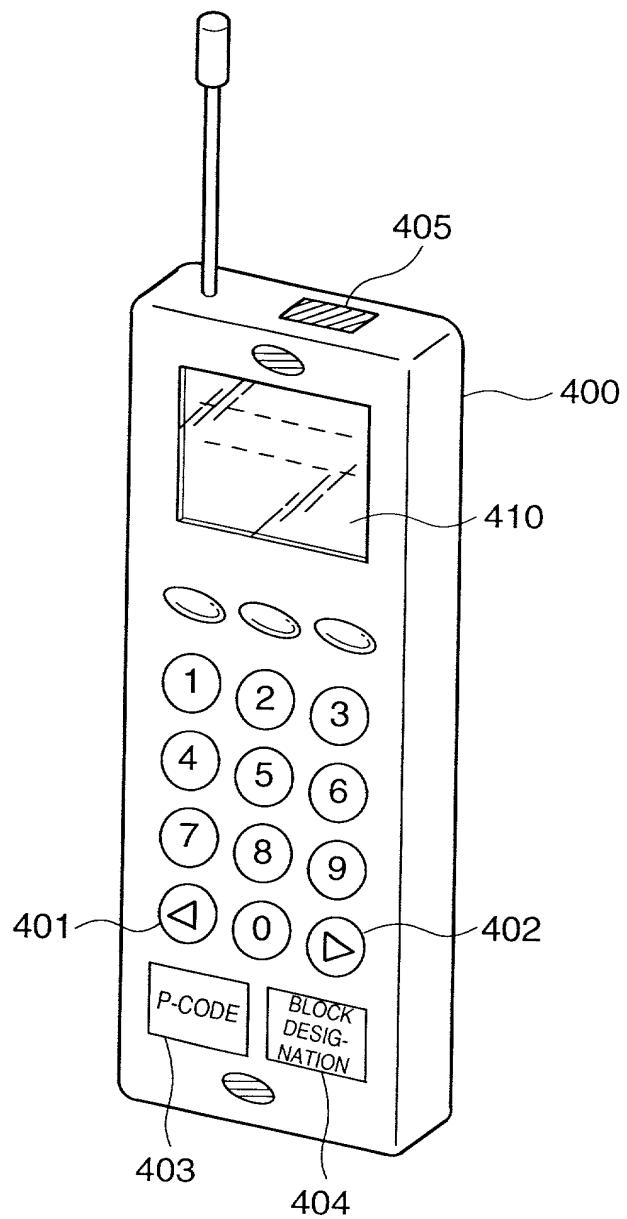
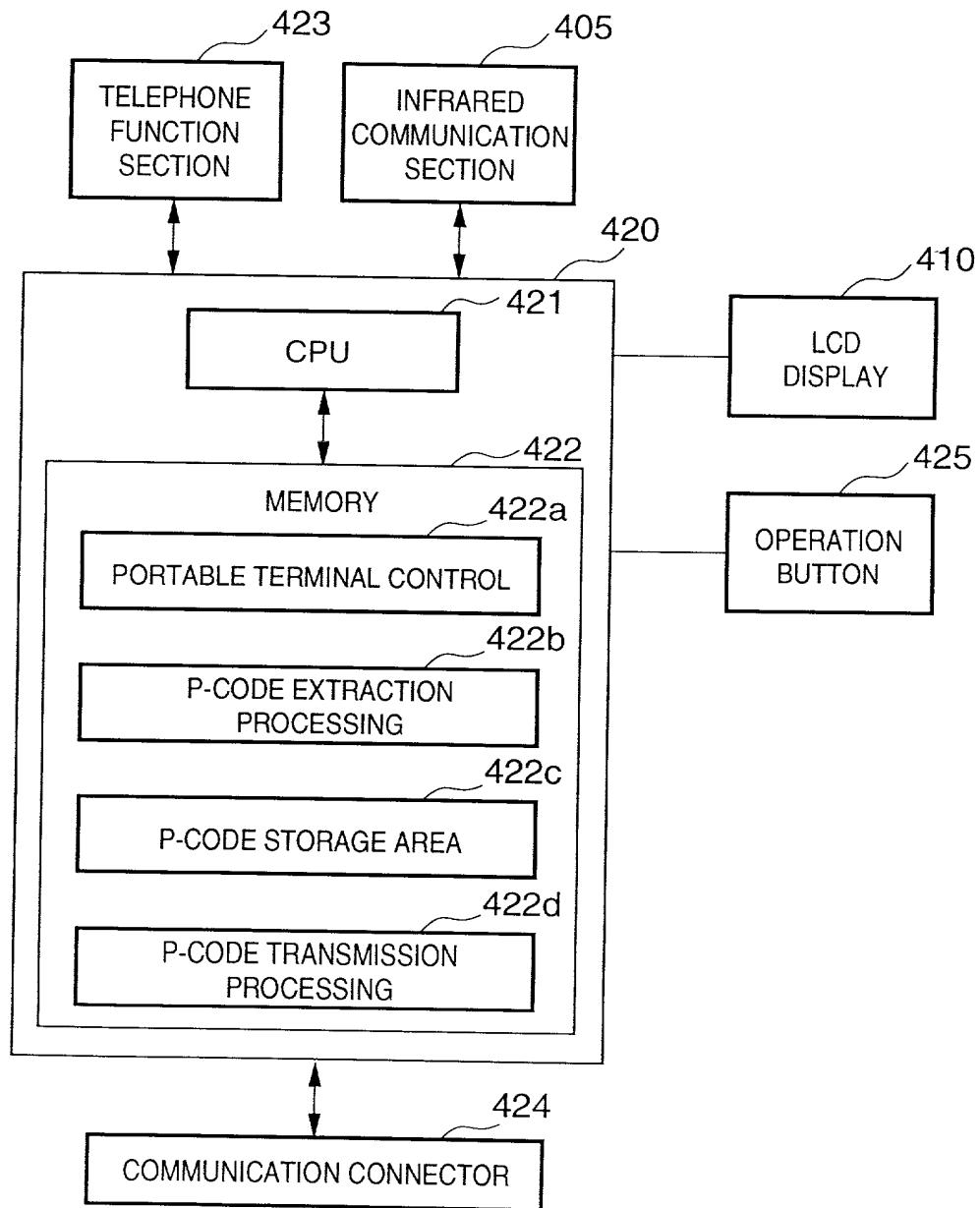
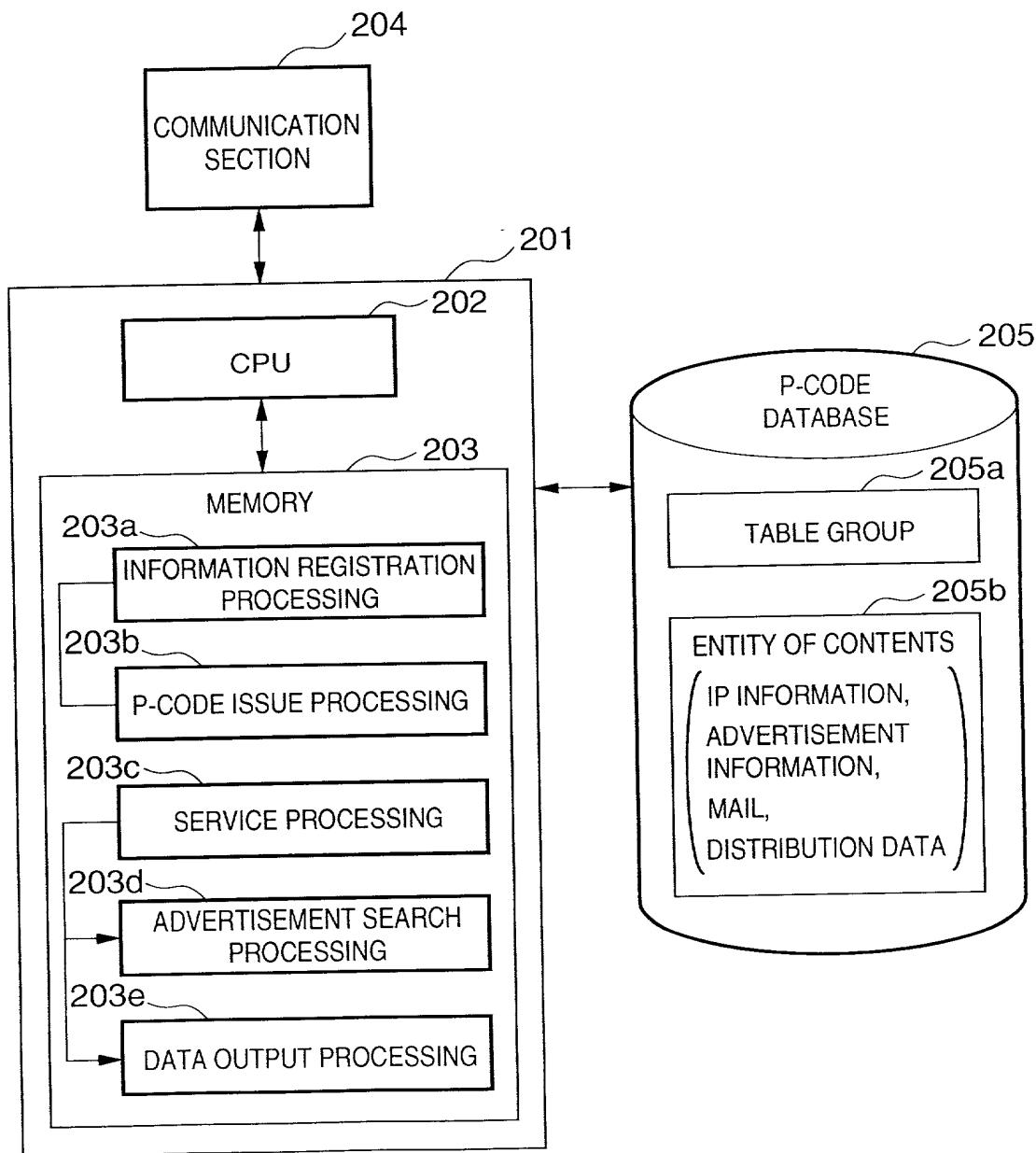


FIG. 5



## FIG. 6



**FIG. 7**

220

8/145

IP INFORMATION REGISTRATION TABLE		PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT Sub-code SECTION LINK	
BASIC PROPERTIES	OWNER ID	LINKED P-CODE	REGISTERED, USABLE, SUSPENDED, ABOLISHED
	TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST		FOR INFORMATION WITH REGIONAL CHARACTERISTICS
FRAME INFORMATION	P-CODE	P-CODE LINKED TO THIS INFORMATION	
NONLINK INFORMATION	NUMBER OF FILES		
ENTITY FILE INFORMATION	FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)		

8  
G.  
—  
H.

## FIG. 9

USER INFORMATION TABLE

P-CODE (TELEPHONE NUMBER OF USER)	USER PROFILE	POSTAL CODE ADDRESS TYPE OF SERVICE TO BE USED COMPANY NAME INDUSTRY ID TYPE OF INDUSTRY (FOR ANOTHER CASE) POST NAME TITLE DUTY PRINTING PAPER INFORMATION	
		STANDARD OUTPUT DESTINATION INFORMATION NOTIFICATION SETTING	LAYOUT PRIORITY PAPER SIZE PAPER DIRECTION ADVERTISEMENT AMOUNT (USE OF LOWER SURFACE, ETC.)
			NOTIFICATION DESTINATION NOTIFICATION STATE (IN UPDATE, UPON COMPLETION OF PRE-TRANSFER, ETC.)
		BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CAREER / OCCUPATION ID / OCCUPATION (FOR ANOTHER CASE) MARRIED / SINGLE / NUMBER OF FAMILY MEMBERS / INCOME / SAVINGS POSSESSION OF HOUSE / CAR / DISPLACEMENT / TYPE OF CAR MOTOR BICYCLE / DISPLACEMENT / TYPE OF MOTOR BICYCLE PET / PET USER WANTS TO HAVE HOBBY / MUSIC / MOVIE SPORTS USER WATCHES / SPORTS USER PLAYS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	
	PERSONAL INFORMATION TABLE	TO ANOTHER DB	
MAIL SERVICE INFORMATION		NUMBER OF MAIL MESSAGES MAXIMUM EXPANSION LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (BY NUMBER OF MAIL MESSAGES)	
DISTRIBUTION SERVICE INFORMATION		NUMBER OF REGISTERED DATA P-CODE LIST (BY NUMBER OF DISTRIBUTION DATA)	
PERSONAL INFORMATION SERVICE INFORMATION		NUMBER OF FRAME DATA P-CODE LIST (BY NUMBER OF FRAME DATA)	
RECEPTION SERVICE INFORMATION		NUMBER OF REGISTRATION DATA P-CODE LIST (BY NUMBER OF REGISTRATION DATA) CHARGED FLAG RECEPTION PASSWORD	

**FIG. 10**

MAIL SERVICE P-CODE TABLE	
P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL SENDER DATE AND TIME OF TRANSMISSION
ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

# FIG. 11A

DISTRIBUTION SERVICE P-CODE TABLE		TITLE *	
P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	DATE OF INFORMATION REGISTRATION	VALID DATES OF INFORMATION
ENTITY FILE INFORMATION		PASSWORD (PASSWORD) FOR INFORMATION	
		NUMBER OF FILES (INCLUDING ATTACHED FILE)	FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

## FIG. 11B

RECEPTION SERVICE P-CODE TABLE					
P-CODE (TELEPHONE NUMBER-NUMBER)	<table border="1"> <tr> <td>INFORMATION PROPERTIES</td><td>P-CODE / TELEPHONE NUMBER OF REGISTRANT TITLE INFORMATION REGISTRATION DATE VALID DATES OF INFORMATION PRINTING STATUS TERMINAL ID DATA DELETE NOTIFICATION FLAG NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)</td></tr> <tr> <td>ENTITY FILE INFORMATION</td><td></td></tr> </table>	INFORMATION PROPERTIES	P-CODE / TELEPHONE NUMBER OF REGISTRANT TITLE INFORMATION REGISTRATION DATE VALID DATES OF INFORMATION PRINTING STATUS TERMINAL ID DATA DELETE NOTIFICATION FLAG NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	ENTITY FILE INFORMATION	
INFORMATION PROPERTIES	P-CODE / TELEPHONE NUMBER OF REGISTRANT TITLE INFORMATION REGISTRATION DATE VALID DATES OF INFORMATION PRINTING STATUS TERMINAL ID DATA DELETE NOTIFICATION FLAG NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)				
ENTITY FILE INFORMATION					

# FIG. 12

PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER##NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
REGISTERED P-CODE INFORMATION	NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)		

FIG. 13

PERSONAL INFORMATION TABLE		PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION	CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD
		USE DISK AREA INFORMATION CHARGE RECORD

FIG. 14

OWNER INFORMATION TABLE	SAME AS PERSONAL INFORMATION TABLE
USER-ID	NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION  USE DISK AREA INFORMATION CHARGE RECORD

FIG. 15

TERMINAL INFORMATION TABLE	
TERMINAL ID	OWNER ID REGION INFORMATION TYPE OF TERMINAL REGION INFORMATION
	COUNTRY ADDRESS
	VERSION OF TERMINAL VERSION OF TERMINAL SOFTWARE TERMINAL INPUT DEVICE INFORMATION CAPACITY OF TERMINAL STORAGE DEVICE TERMINAL OUTPUT DEVICE INFORMATION LANGUAGE PRINTING ABILITY
	PAPER SIZE DOUBLE SIDE / ONE SIDE COLOR / MONOCHROME PRINTING SPEED FONT PRINTING SPOOL STATE INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE P-CODE CACHE STATE
	TERMINAL STATE INFORMATION

FIG. 16

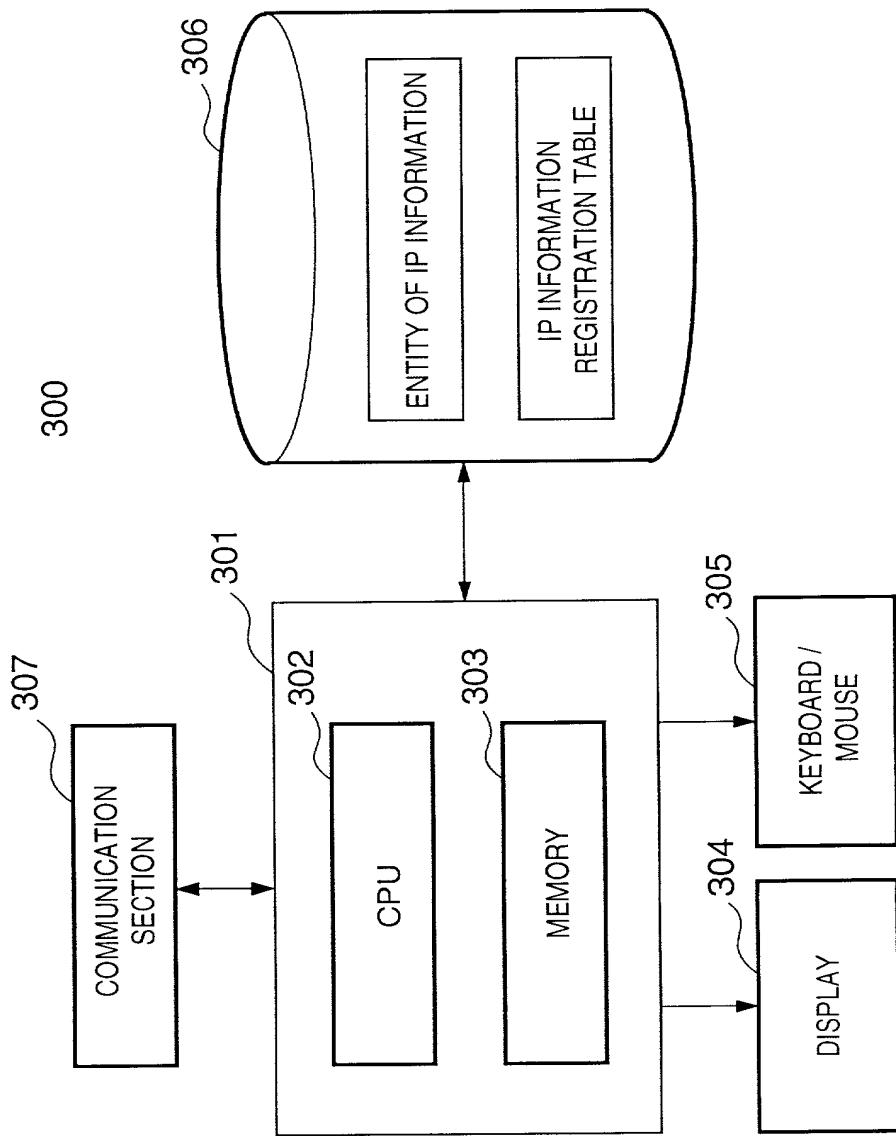
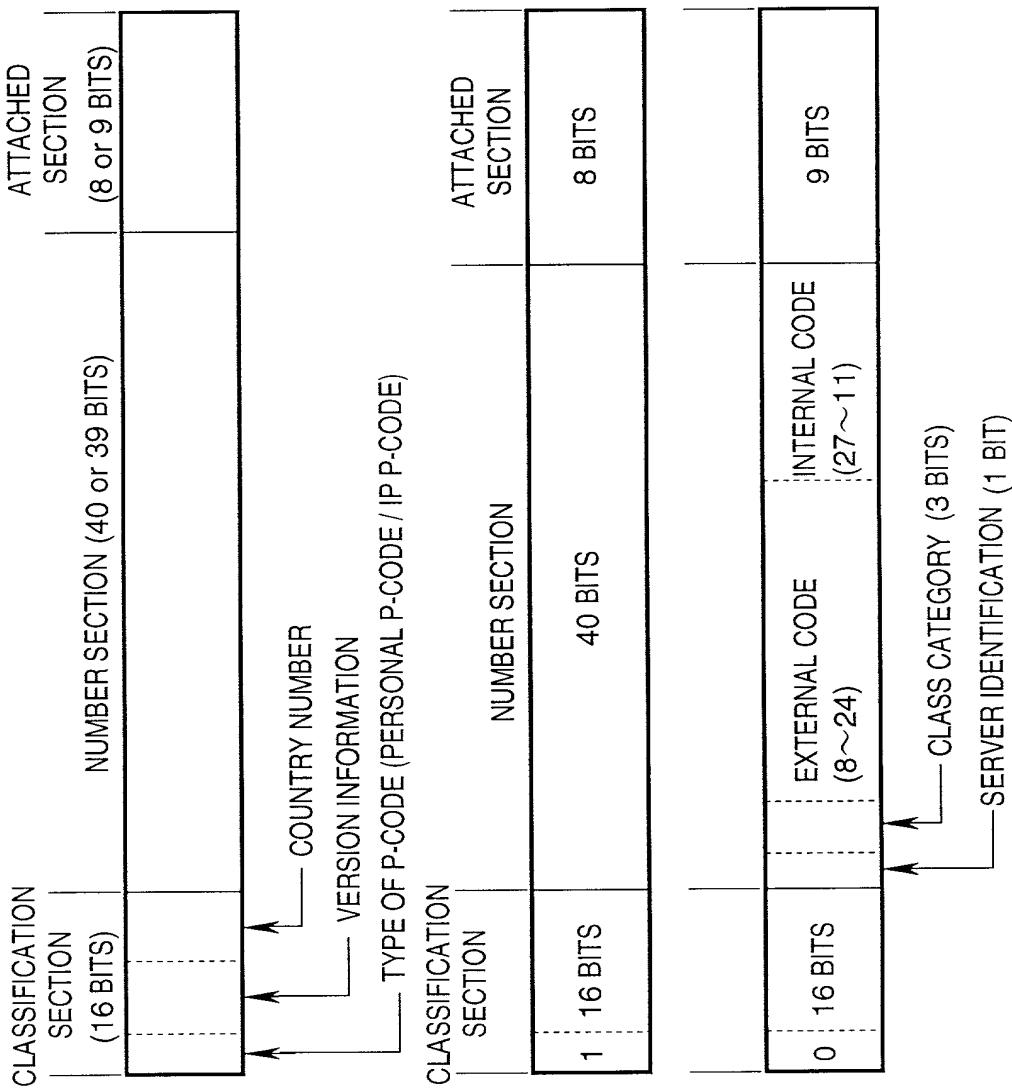


FIG. 17



Bit	CONTENTS OF P-CODE				
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				1 : PERSONAL USER P-Code
2	VERSION BITS (7 BITS)				VERSION BITS (7 BITS)
8					
9	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)
16					
17	CanDI SERVER IDENTIFICATION BIT (= 1 : Candi SERVER)				TELEPHONE NUMBER (INTEGER HAVING 12 DIGITS AT MAXIMUM)
18	IP SCALE IDENTIFICATION BITS (3 BITS)				(40 BITS)
19	(=1: MINIMAL SCALE, =2 : SMALL SCALE, =3 : MEDIUM SCALE, = 4 : LARGE SCALE, =5 : MAXIMAL SCALE)				
20					
21	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTER- ABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTER- ABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTER- ABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTER- ABLE IPS IS 2,047	SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTER- ABLE IPS IS 256
28					INDIVIDUAL INFORMA- TION ID BITS (27 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000
29					
32					
33					
36					
37					
40					
41					
44	INDIVIDUAL INFORMA- TION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000	INDIVIDUAL INFORMA- TION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 8,000,000	INDIVIDUAL INFORMA- TION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000	INDIVIDUAL INFORMA- TION ID BITS (19 BITS), EACH IP CAN REGISTER UP TO ABOUT 500,000	INDIVIDUAL INFORMA- TION ID BITS (23 BITS), EACH IP CAN REGISTER UP TO ABOUT 130,000,000
45	EACH IP CAN REGISTER UP TO ABOUT 2,047				
55	PIECES OF INFORMA- TION				
56	SUFFIX (9 BITS), 512 PIECES AT MAXIMUM				TYPE OF SUFFIX (3 BITS), 7 TYPES AT MAXIMUM
57					
58					
59					
60					
61					
62					
63					
64					SUFFIX (5 BITS), 31 PIECES AT MAXIMUM

FIG. 19

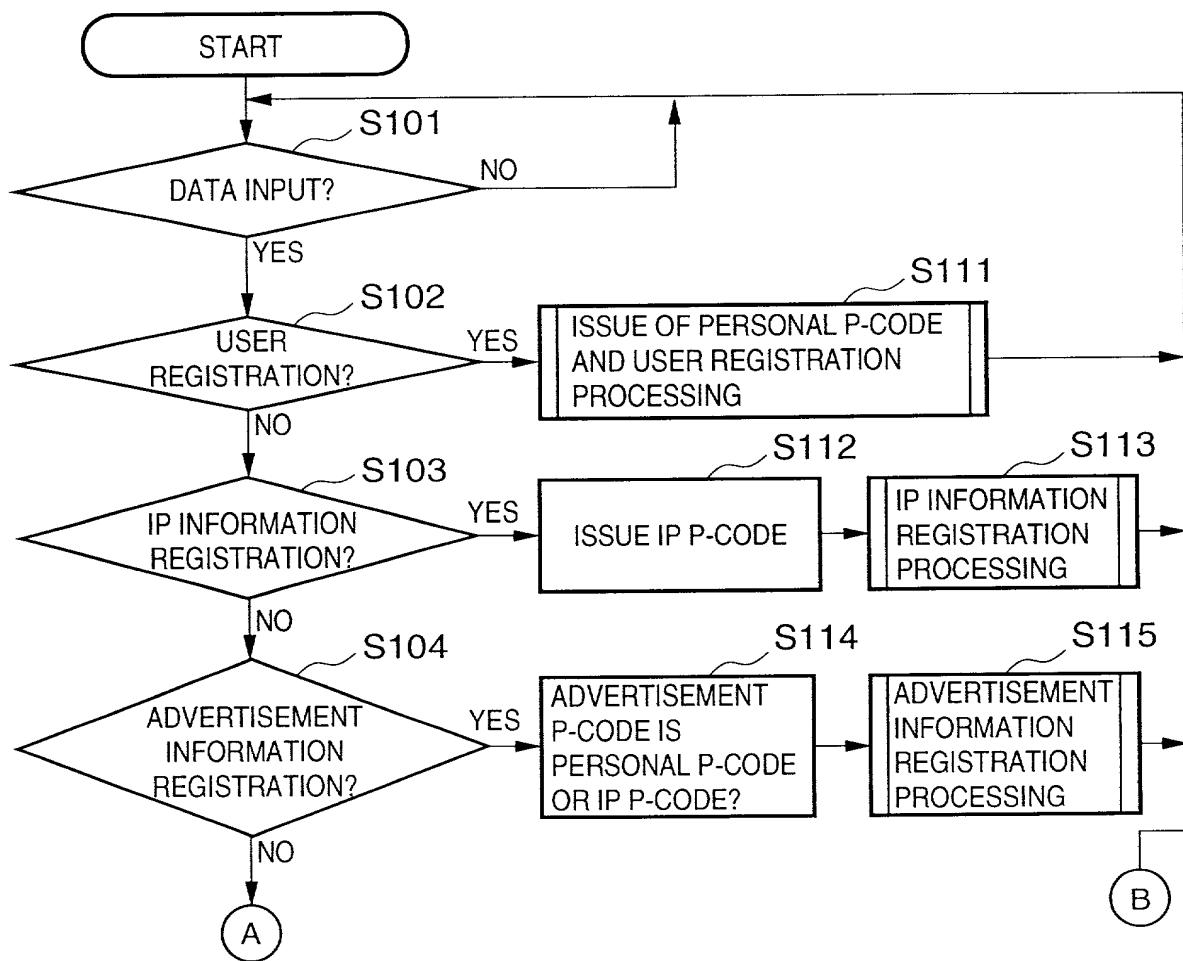


FIG. 20A

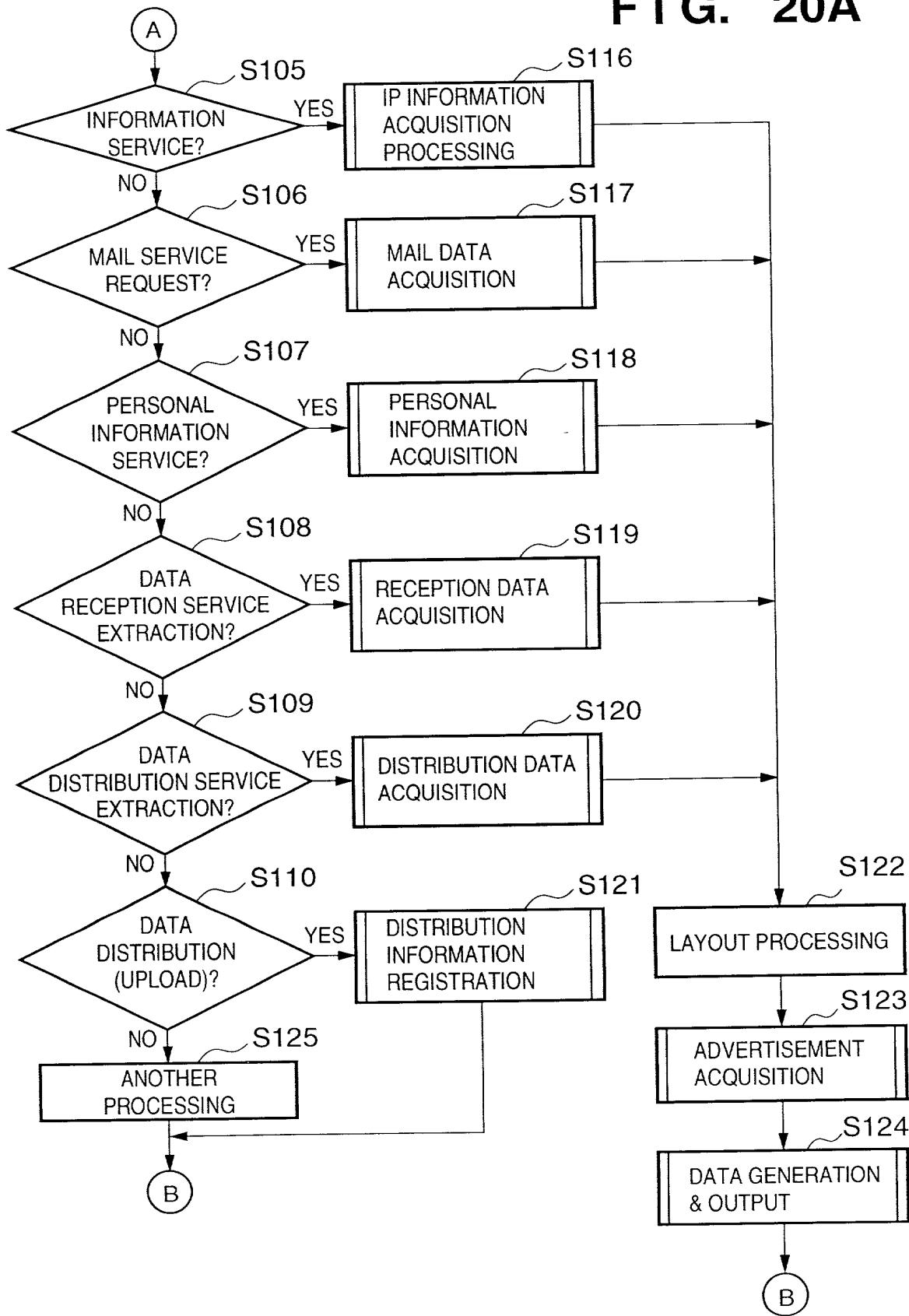


FIG. 20B

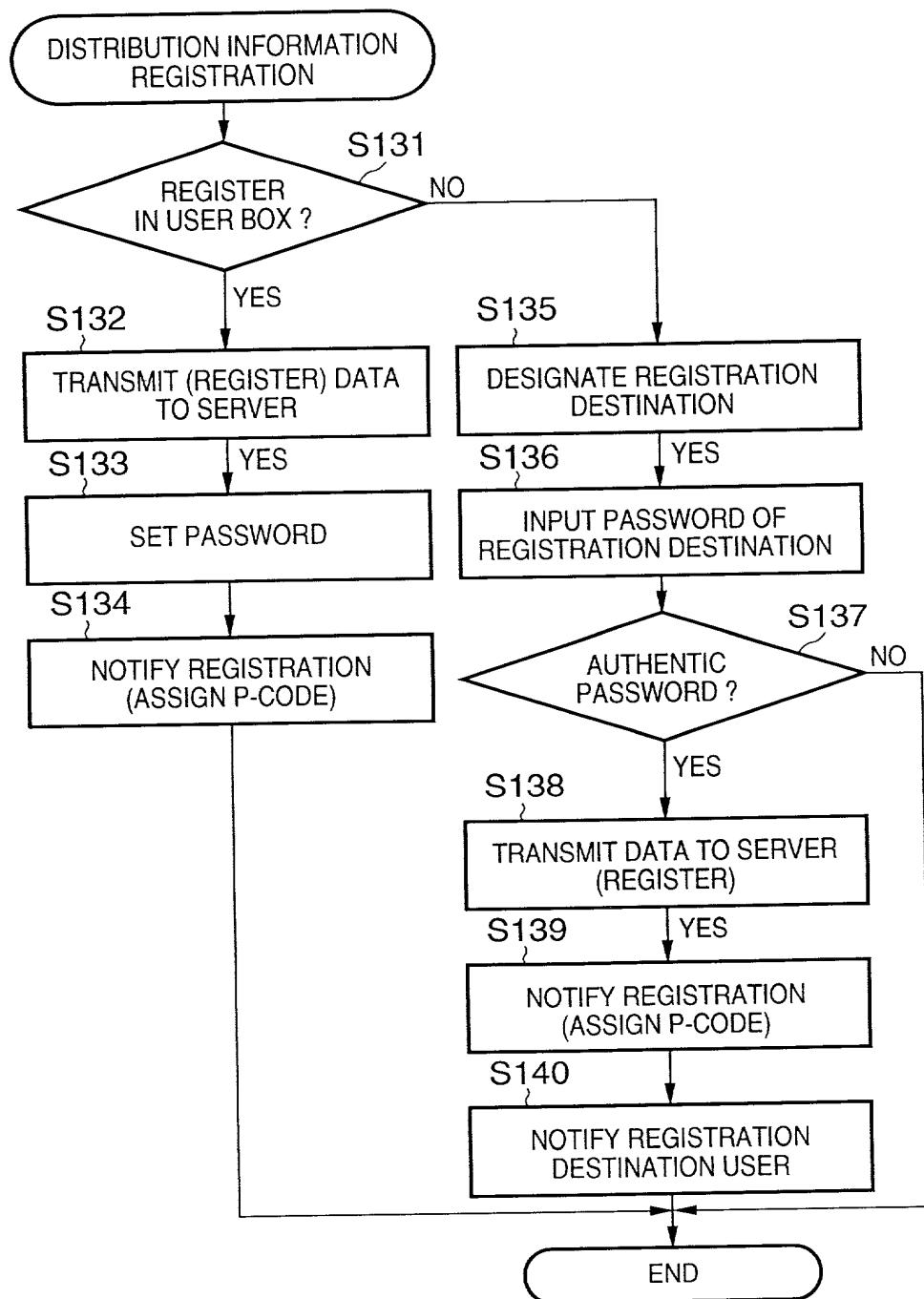
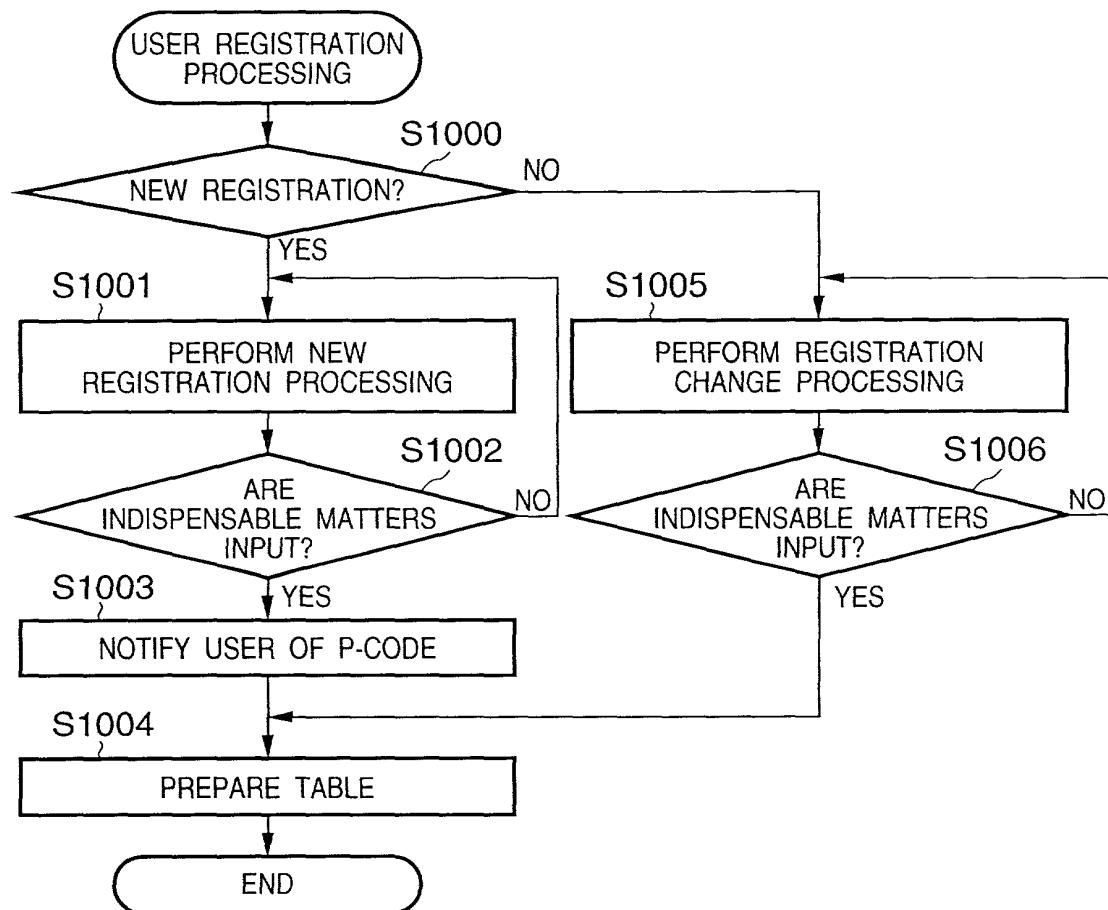


FIG. 21



## FIG. 22

USER ID : NEWLY REGISTERED MEMBER

1000	NAME / ADDRESS (N)	1010	PASSWORD (P)
1020	PLACE OF EMPLOYMENT (A)	1030	CREDIT CARD (C)
1040	SERVICE (S)	1050	PERSONAL INFORMATION (U)
1060	PERSONAL INFORMATION 2 (D)	1070	DESIRED INFORMATION (I)
1080	PRINTING PAPER (Q)	1090	REGISTER FAVORITE INFORMATION (R)
1091	SET RECEPTION SERVICE (M)	1092	DESIGNATE PRINTING DESTINATION (O)

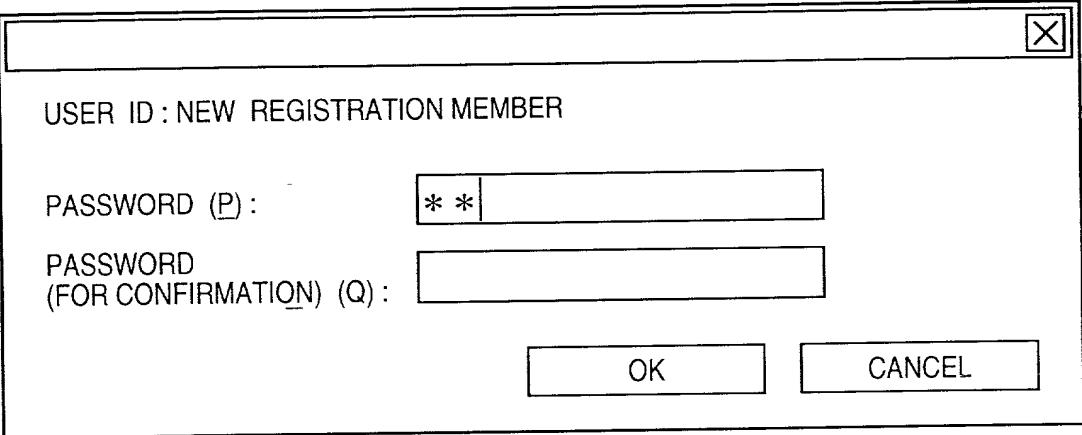
OK      CANCEL

## FIG. 23

FIG. 23 shows a screenshot of a software interface for entering contact information. The window has a title bar with an 'X' button. The main area contains fields for phonetic transcription and name, followed by a large 'HOME' section with fields for address, telephone, fax, portable telephone, and email. At the bottom are 'OK' and 'CANCEL' buttons.

PHONETIC TRANSCRIPTION (K) :	KOSUGI		TARO
NAME (N) :	KOSUGI		TARO
HOME			
POSTAL CODE (Z) :	211	-	0000
ADDRESS (A) :	10-2, 5-CHOME, KAWASAKI-SHI, TOKYO		
TELEPHONE NUMBER (I) :		-	
FAX NUMBER (F) :		-	
PORTABLE TELEPHONE NUMBER (C) :	090	-	0289 - 2345
E-MAIL ADDRESS (E) :	kosugi@canon		
OK		CANCEL	

## FIG. 24



USER ID : NEW REGISTRATION MEMBER

PASSWORD (P) :

PASSWORD (FOR CONFIRMATION) (Q) :

OK CANCEL

## FIG. 25

PLACE OF EMPLOYMENT

NAME OF COMPANY (C) :	CANON INC.		
BUSINESS CATEGORY (K) :	MANUFACTURING <input checked="" type="checkbox"/>	OTHERS <input type="checkbox"/>	
NAME OF DEPARTMENT / SECTION (D) :	MA PROJECT		
POST (&P) :	SECTION MANAGER	JOB (B) : TECHNICAL EMPLOYEE	
POSTAL CODE (Z) :	211	-	0000
ADDRESS (A) :	1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI		
TELEPHONE NUMBER (T) :	044	-	
FAX NUMBER (F) :		-	

## FIG. 26

FIG. 26: A screenshot of a Windows-style dialog box titled "CREDIT CARD INFORMATION". The dialog contains fields for selecting a card company and entering card number and valid date information, with "OK" and "CANCEL" buttons at the bottom.

**CREDIT CARD INFORMATION**

**CARD COMPANY**

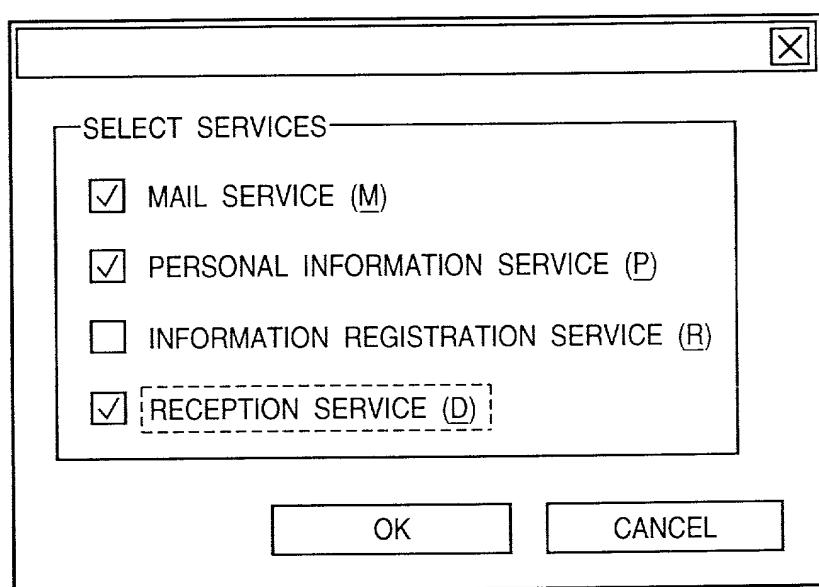
VISA (V)    MasterCard (M)    AmericanExpress (A)  
 JCB (J)    DC (D)

CARD NUMBER (N) :  -  -  -

VALID DATES (P) :  /

**OK**   **CANCEL**

## FIG. 27



## FIG. 28

DATE OF BIRTH (B) : 99/04/01  BLOOD TYPE (L) : A

SEX (S) :  MALE  FEMALE

FINAL SCHOOL CARRIER (G) : UNIVERSITY/GRADUATE SCHOOL

OCCUPATION (O) : TECHNICAL EMPLOYEE  OTHERS

MARRIED/SINGLE (M) :  SINGLE  MARRIED NUMBER OF FAMILY MEMBERS (A) : ONE

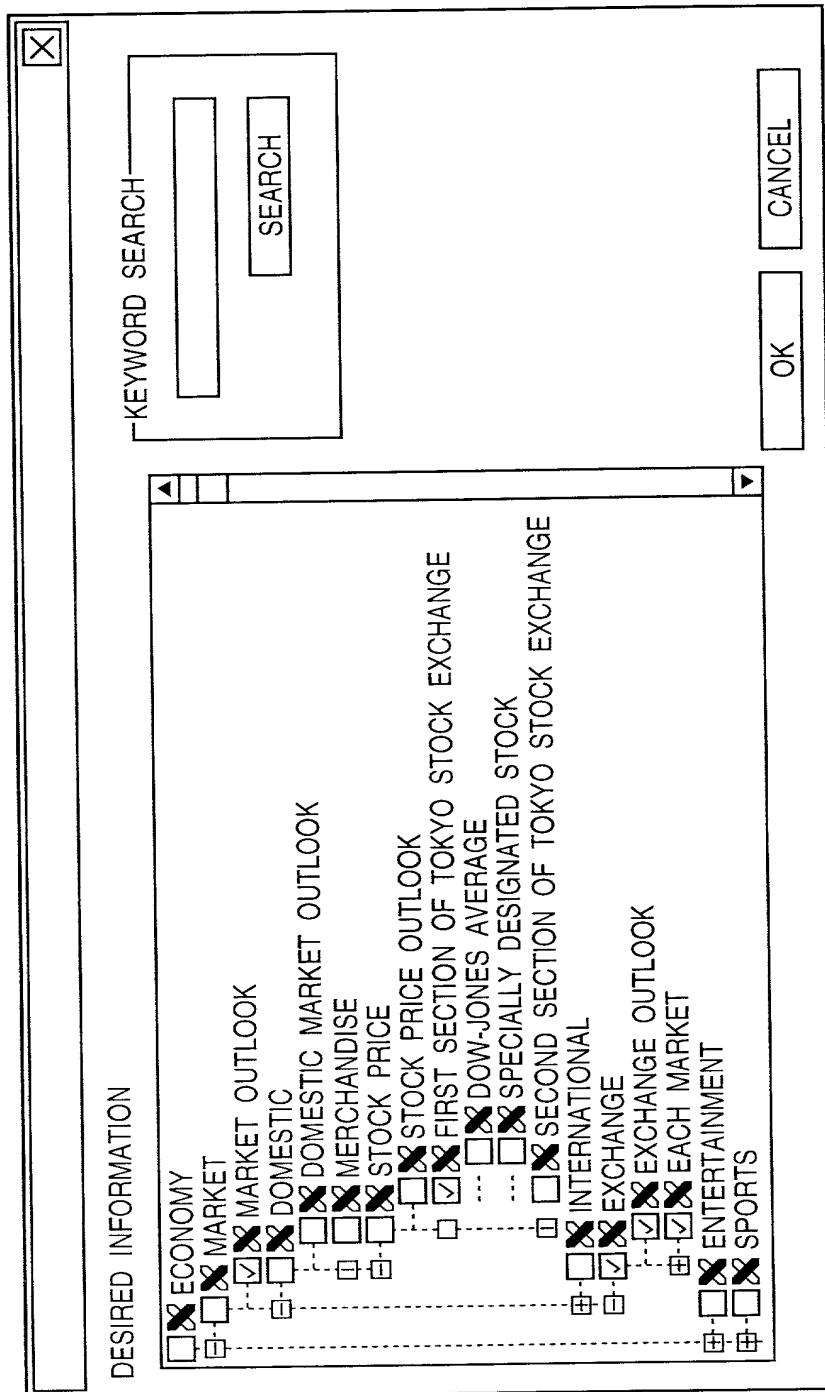
INCOME (I) : ¥ 3,000,000 TO ¥ 5,000,000  AMOUNT OF SAVING (F) : ¥ 1,000,000 OR LESS

## FIG. 29

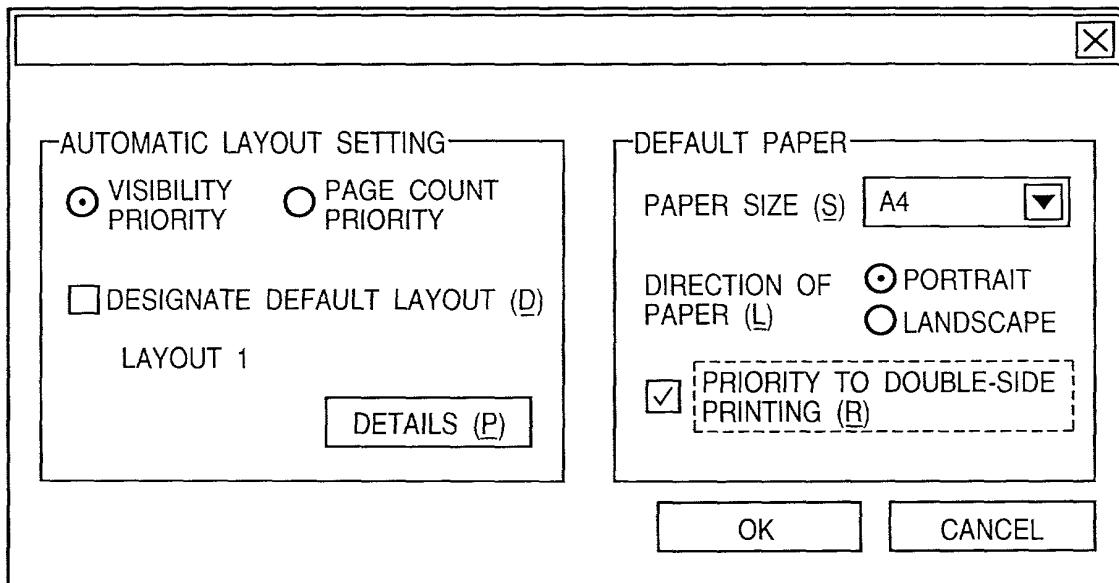
X

HOUSE (P)	<input type="radio"/> DETACHED HOUSE	<input checked="" type="radio"/> APARTMENT HOUSE	<input type="radio"/> RENTAL HOUSE		
	<input type="radio"/> COMPANY HOUSE / DORMITORY	<input type="radio"/> HOUSE OWNED BY RELATIVE			
CAR etc. (C)	<input checked="" type="checkbox"/> PRIVATE CAR	PISTON DISPLACEMENT	1500~2000 <input type="button" value="▼"/>	MODEL	RV <input type="button" value="▼"/>
	<input type="checkbox"/> MOTOR-CYCLE	PISTON DISPLACEMENT	<input type="button" value="▼"/>	MODEL	<input type="button" value="▼"/>
PET (P)	<input type="checkbox"/> PET	TYPE	<input type="button" value="▼"/>		
	<input checked="" type="checkbox"/> DESIRED PET	TYPE	<input type="button" value="▼"/>		
HOBBY (H)	<input checked="" type="checkbox"/> MUSIC LISTENING	FAVORITE GENRE	ROCK-'N'-ROLL <input type="button" value="▼"/>		
	<input checked="" type="checkbox"/> MOVIEGOING	FAVORITE GENRE	SF <input type="button" value="▼"/>		
	<input checked="" type="checkbox"/> SPECTATOR SPORTS	FAVORITE GENRE	PROFESSIONAL BASEBALL <input type="button" value="▼"/>		
	<input checked="" type="checkbox"/> SPORTS	FAVORITE GENRE	SANDLOT BASEBALL <input type="button" value="▼"/>		
	<input type="checkbox"/> FISHING	FAVORITE PLACE	<input type="button" value="▼"/>		
<input style="width: 150px; height: 25px; border: 1px solid black; border-radius: 5px; padding: 5px; margin-right: 20px;" type="button" value="OK"/> <input style="width: 150px; height: 25px; border: 1px solid black; border-radius: 5px; padding: 5px;" type="button" value="CANCEL"/>					

FIG. 30



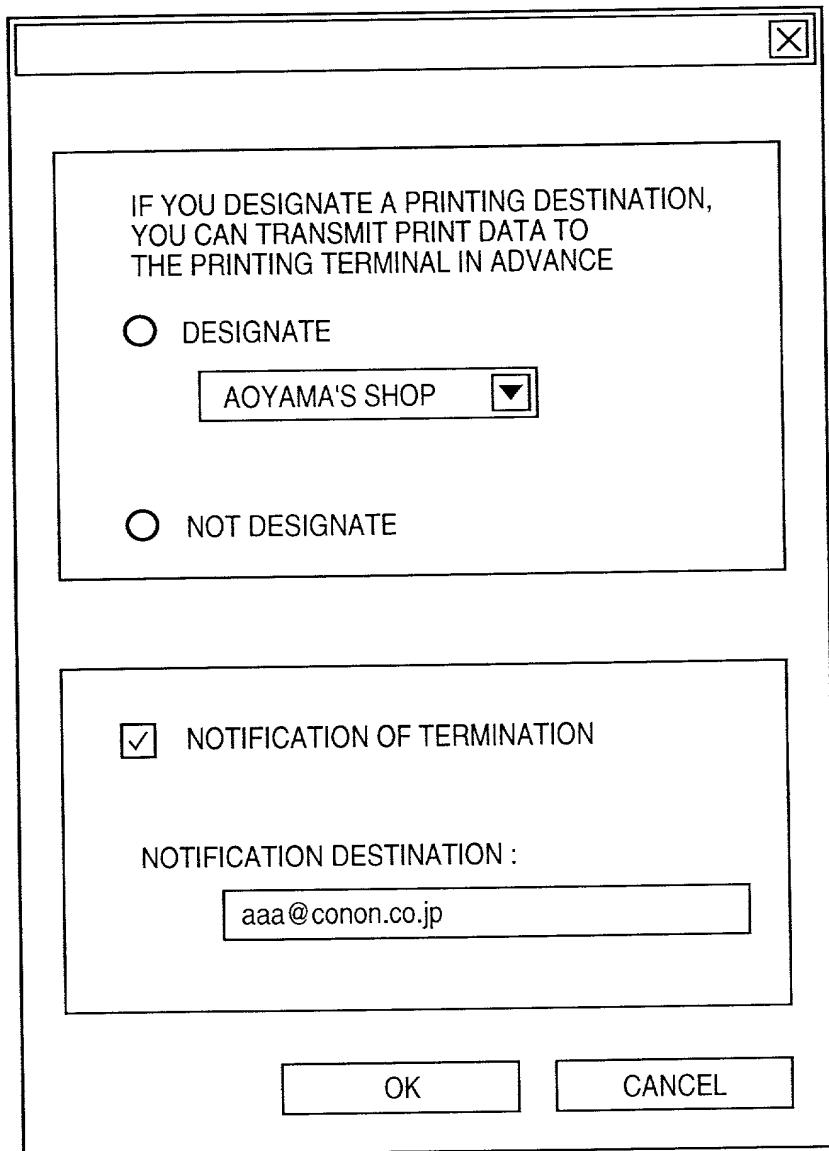
## FIG. 31A



## FIG. 31B

CanDiNet MEMBER'S INFORMATION	REGISTRATION OF PRINTING PAPER	<input type="checkbox"/>
RECEPTION SERVICE PASSWORD :		
<input type="text"/>		
<input checked="" type="checkbox"/> SENDER WILL PAY THE CHARGE.		
<input type="button" value="OK"/>	<input type="button" value="CANCEL"/>	

## FIG. 31C



## FIG. 32

<input type="checkbox"/> X		
USER ID : 09001234567		
1000'	NAME / ADDRESS (N)	1010'
1020'	PLACE OF EMPLOYMENT (A)	1030'
1040'	SERVICE (S)	1050'
1060'	PERSONAL INFORMATION 2 (D)	1070'
1080'	PRINTING PAPER (Q)	1090'
1091'	SET RECEPTION SERVICE (M)	1092'
OK		CANCEL

**F I G. 33**

USER ID : 09082937251

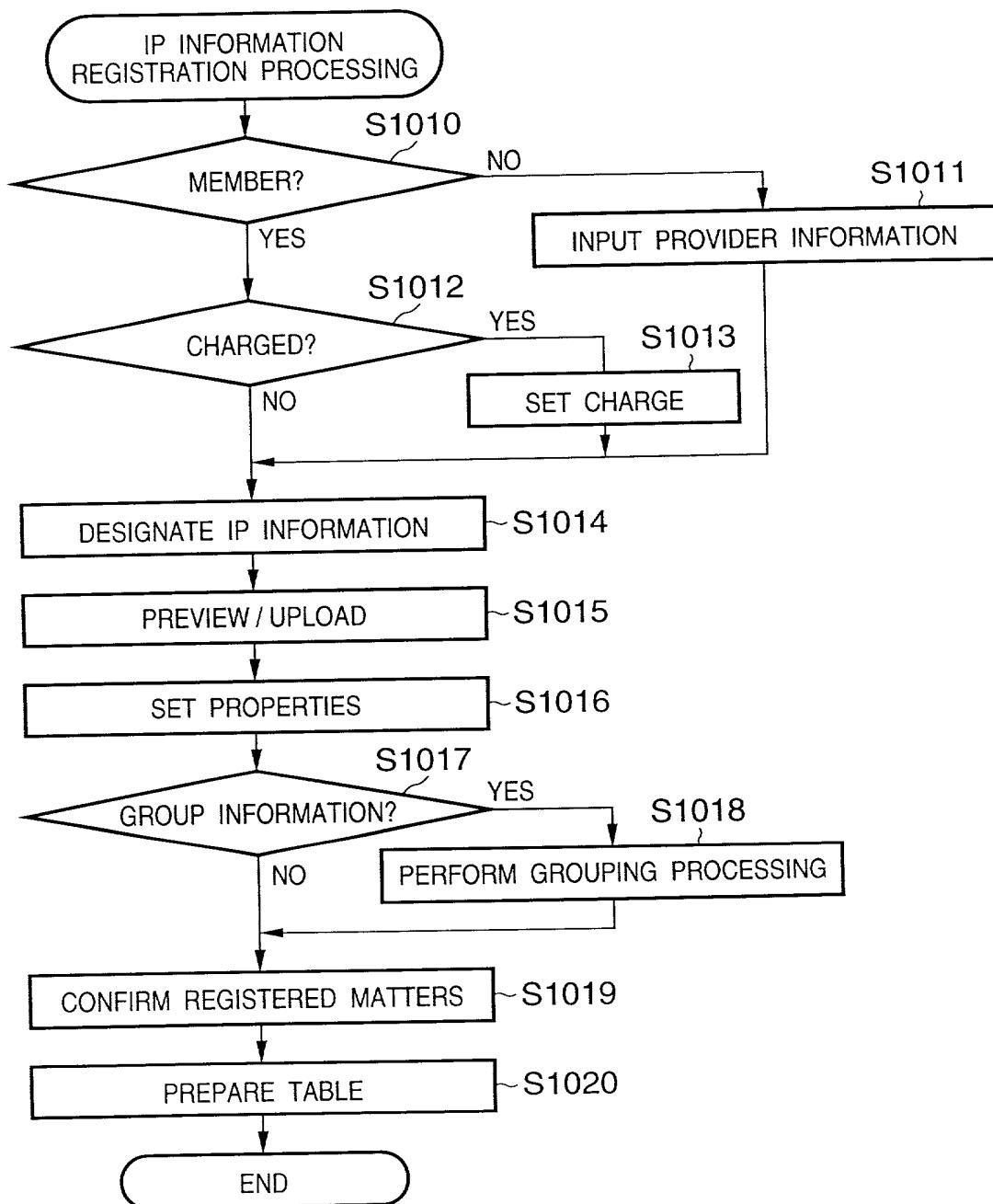
CURRENT PASSWORD (C) : \* \* \* \*

PASSWORD (P) : \* \* \* \*

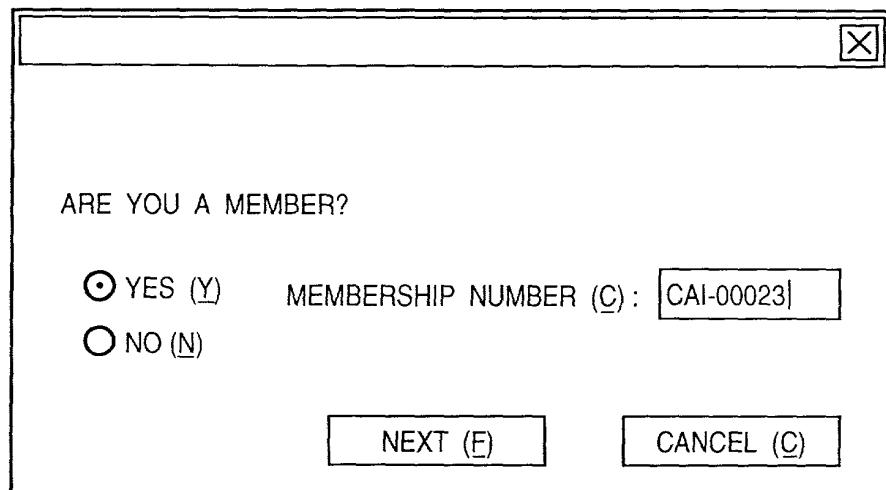
PASSWORD (FOR CONFIRMATION) (Q) : \* \*

OK CANCEL

FIG. 34



## FIG. 35



A windowed computer interface for a membership query. The window has a title bar at the top with an 'X' button on the right. Inside, the text 'ARE YOU A MEMBER?' is centered. Below it, there are two radio buttons: one selected for 'YES (Y)' and one unselected for 'NO (N)'. To the right of the 'YES' button is the text 'MEMBERSHIP NUMBER (C):' followed by a text input field containing 'CAI-00023'. At the bottom, there are two buttons: 'NEXT (F)' on the left and 'CANCEL (C)' on the right.

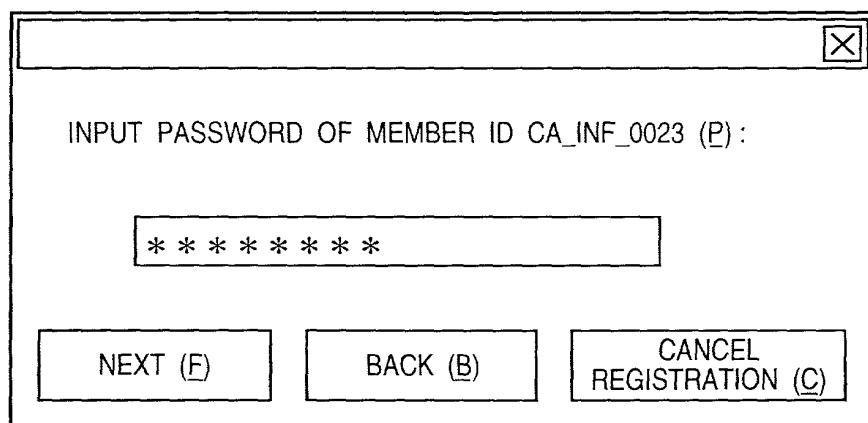
ARE YOU A MEMBER?

YES (Y)      MEMBERSHIP NUMBER (C) : CAI-00023

NO (N)

NEXT (F)      CANCEL (C)

## FIG. 36



## FIG. 37

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE  
TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY  
MATTERS AND PRESS "NEXT"

POSTAL CODE (Z) :  -

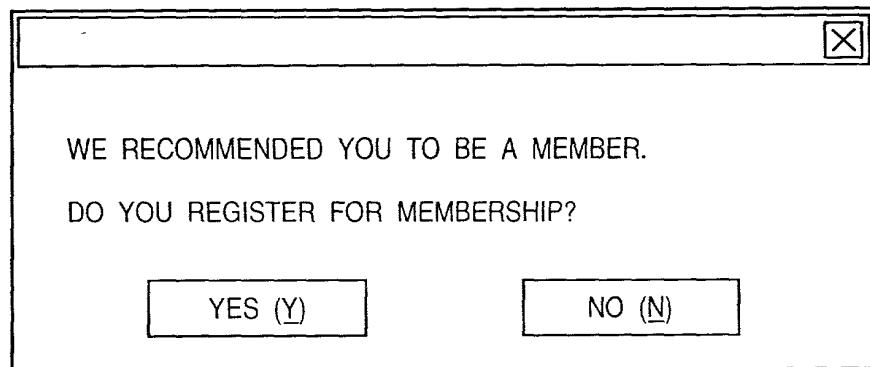
ADDRESS (A) :

TELEPHONE  
NUMBER (T) :  -  -

NAME OR NAME OF  
COMPANY (N) :

E-MAIL ADDRESS (E) :

**F I G. 38**



WE RECOMMENDED YOU TO BE A MEMBER.

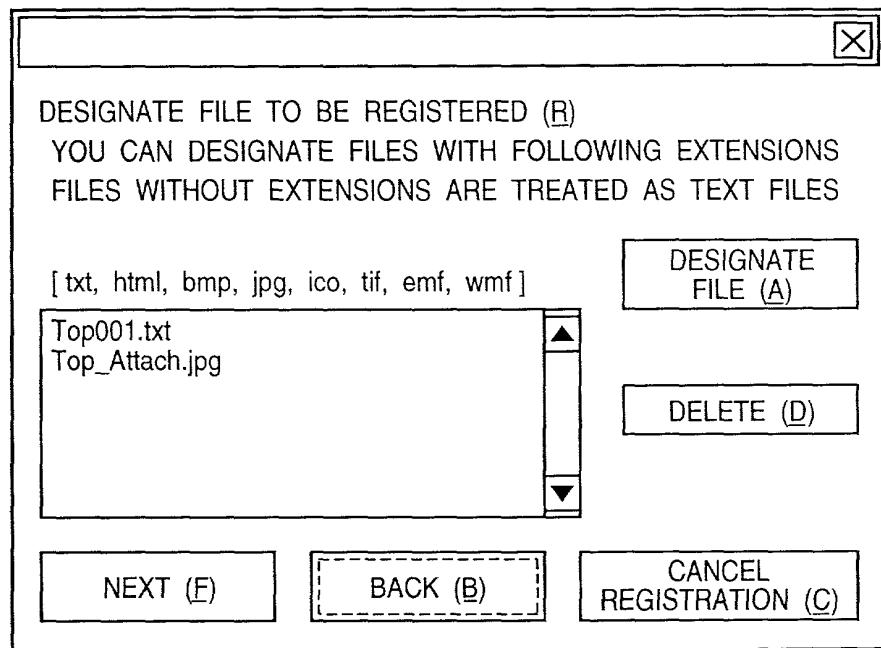
DO YOU REGISTER FOR MEMBERSHIP?

YES (Y)      NO (N)

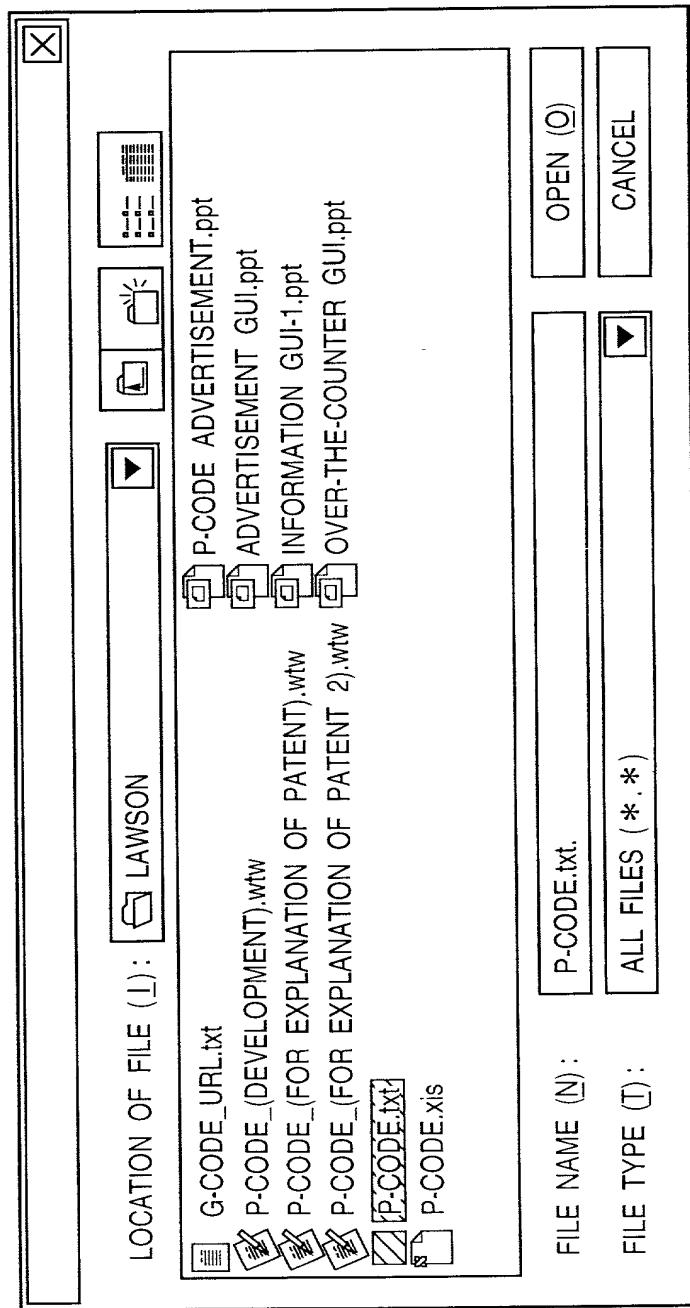
FIG. 39

WILL YOU CHARGE FOR THIS INFORMATION?	
<input checked="" type="checkbox"/> CHARGE FOR PRINTING (C)	CHARGE (P)      ¥20      PER PRINTING
  <input type="button" value="NEXT (F)"/> <input type="button" value="BACK (B)"/> <input type="button" value="CANCEL&lt;br/&gt;REGISTRATION (C)"/>	

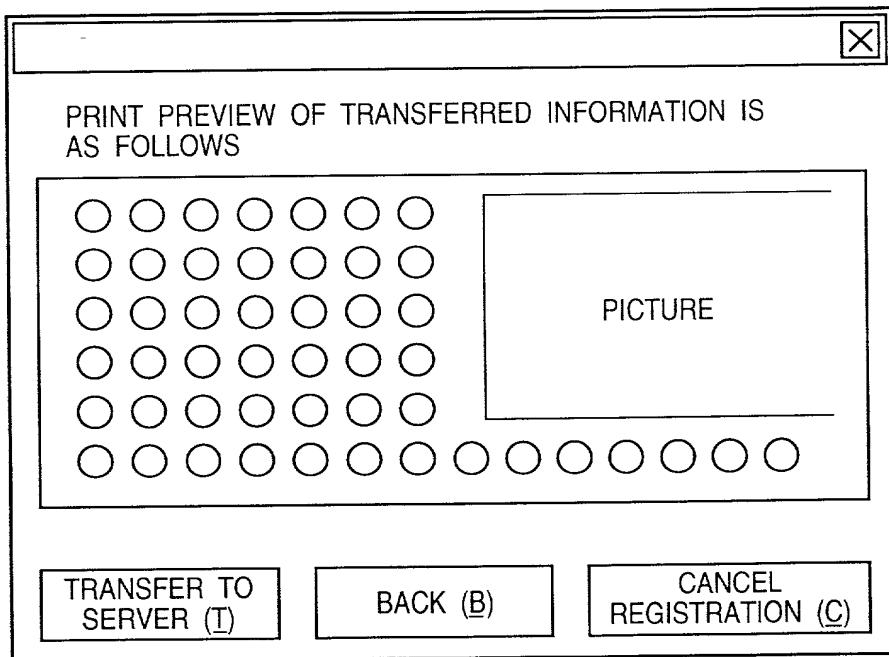
## FIG. 40



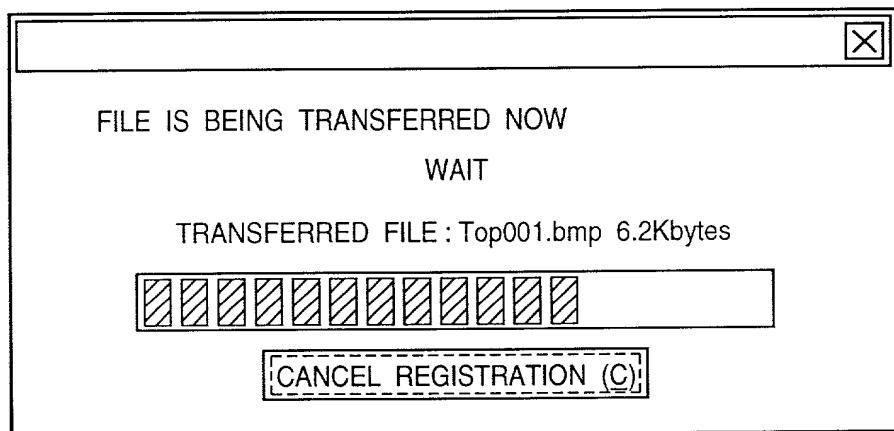
**FIG. 41**



## FIG. 42



## FIG. 43



## FIG. 44

SET DATE OF START OF INFORMATION INSERTION (S)

APRIL 15, 1999 ▼

SET VALID DATES OF INFORMATION

INDEFINITE (I)  
 ONE WEEK (W)  
 ONE MONTH (M)  
 ONE YEAR (Y)  
 DESIGNATE DATE (D) APRIL 30, 1999 ▼

VALID DATES OF P-CODE IS SET INDEPENDENTLY OF THAT OF INFORMATION (F) MAY 31, 1999 ▼

**NEXT (E)** **BACK (B)** **CANCEL  
REGISTRATION (C)**

## FIG. 45

SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

FIX (D)  
 ALLOW CHANGE (A)

FONT SIZE IS FROM 8  Pt TO  14 Pt

MAGNIFICATION OF PRINTING IMAGE IS FROM 50  % TO  200 %

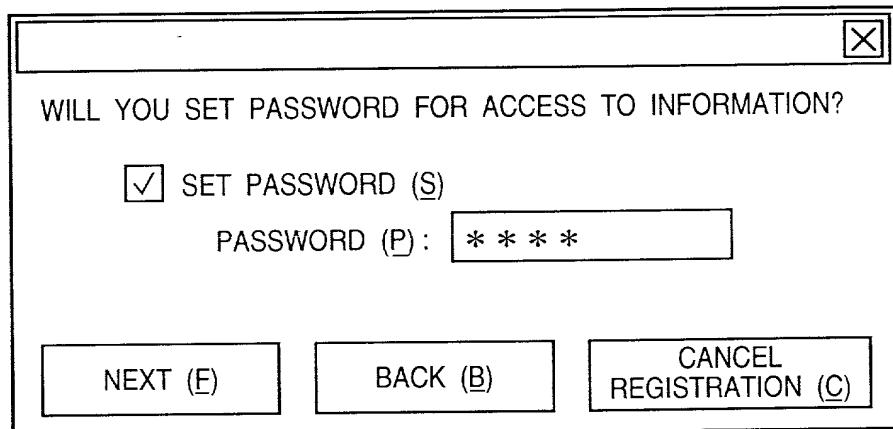
## FIG. 46

WILL YOU PERMIT ADVERTISEMENT INSERTION  
INTO THE PAGE?

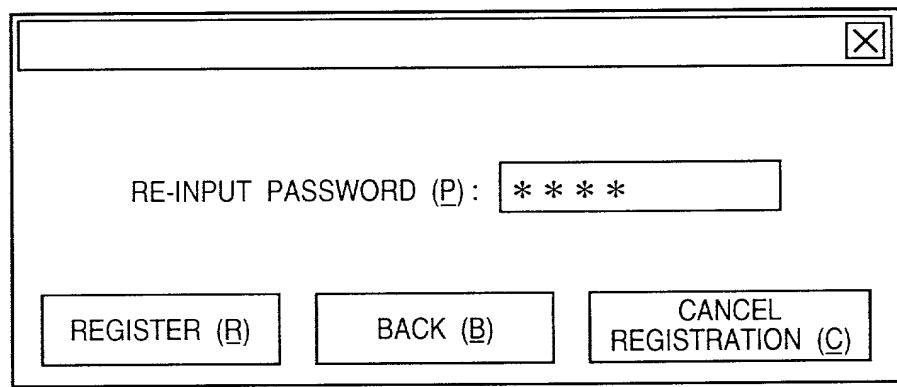
YES (Y)  
 PERMIT FOR LOWER SURFACE (R)  
 NO (N)

NEXT (E)      BACK (B)      CANCEL  
REGISTRATION (C)

**F I G. 47**



## FIG. 48



## FIG. 49

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)

BASKETBALL

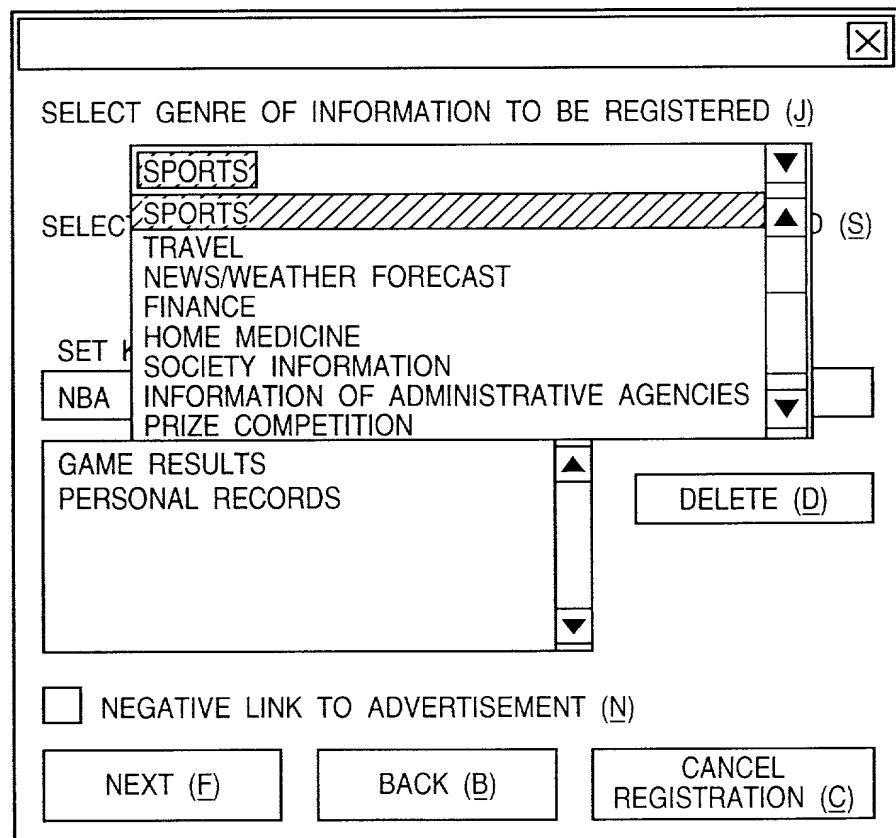
SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)

NBA

GAME RESULTS   
PERSONAL RECORDS

NEGATIVE LINK TO ADVERTISEMENT (N)

## FIG. 50



## FIG. 51

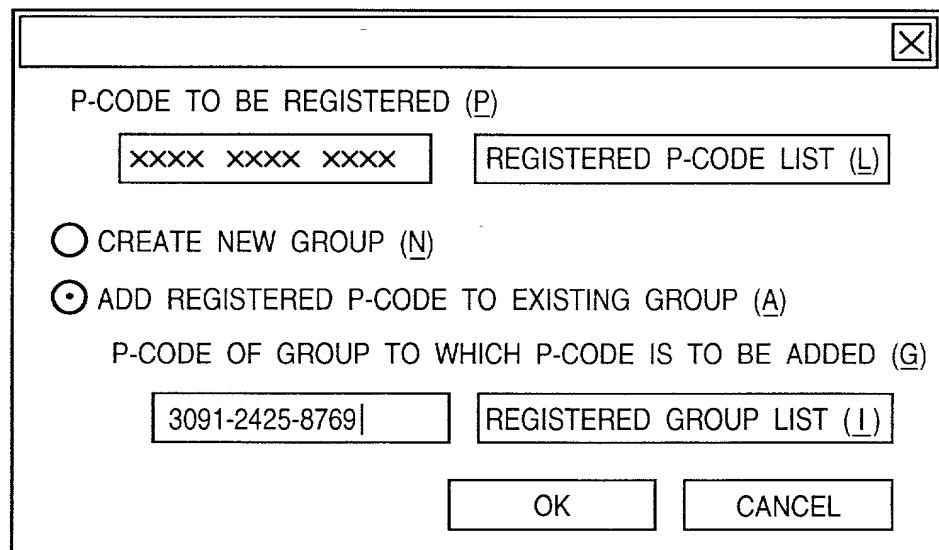
INPUT TITLE OF INFORMATION (I)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION  
TO BE REGISTERED (S)

NEXT (F)      BACK (B)      CANCEL  
REGISTRATION (C)

## FIG. 52A



## FIG. 52B

INPUT TITLE OF NEW GROUP (T)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

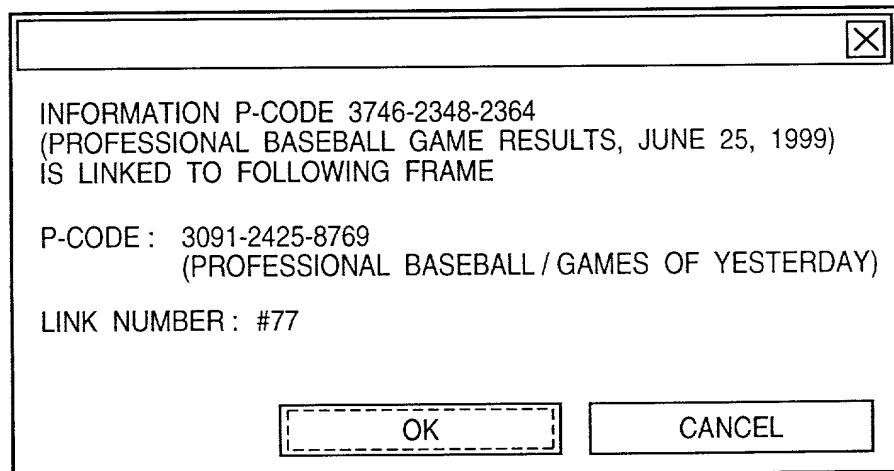
GAME RESULTS OF YESTERDAY AND BRIEF COMMENT  
AND STANDINGS

SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

## FIG. 52C



## FIG. 53

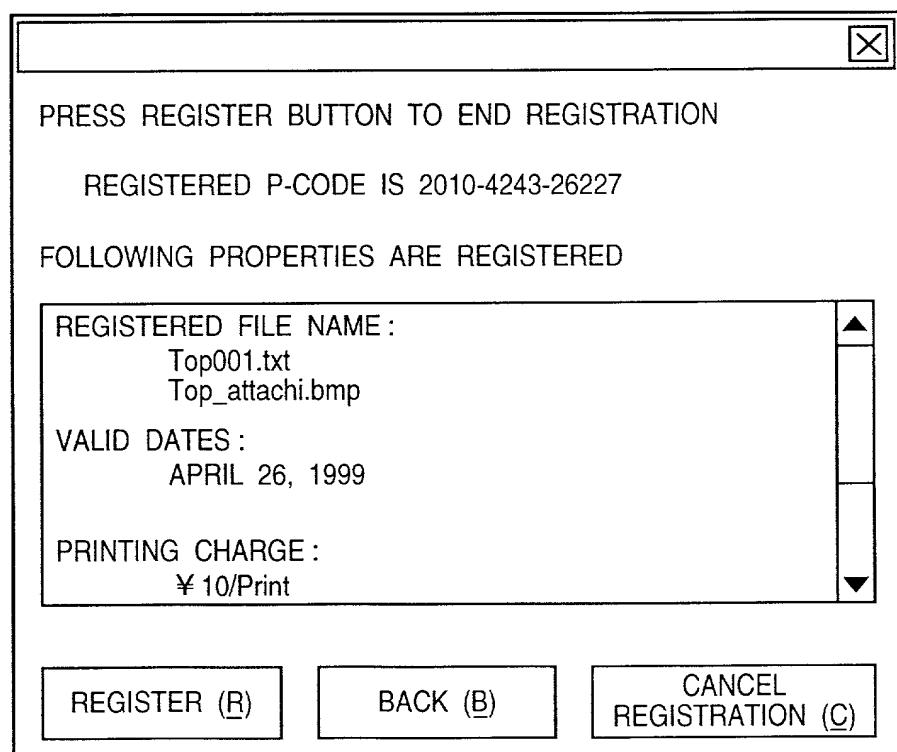
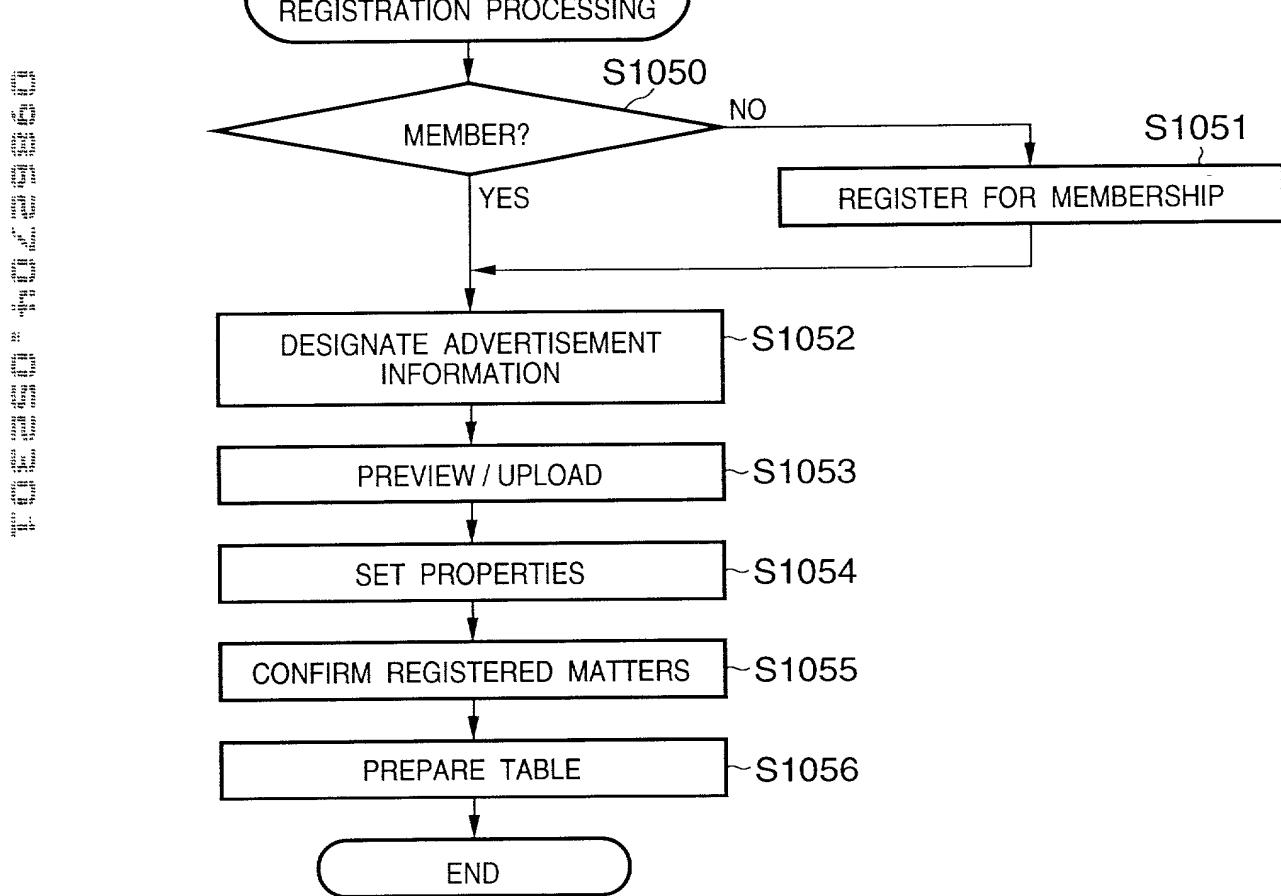


FIG. 54



## FIG. 55

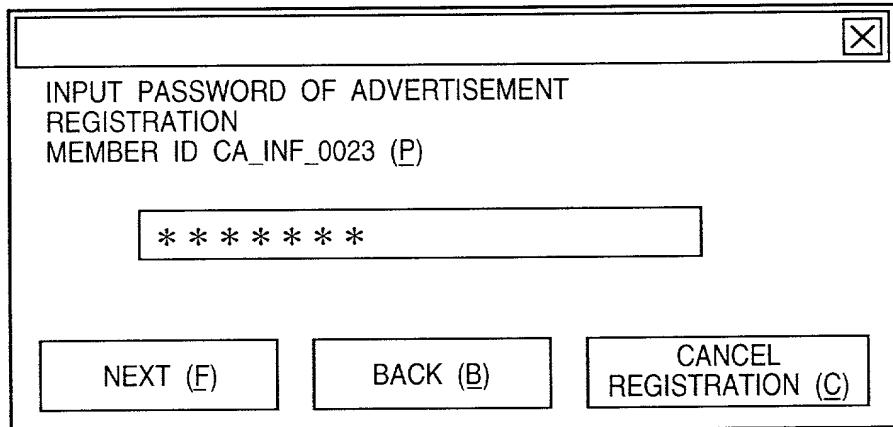
ADVERTISEMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

YES (Y)    MEMBERSHIP NUMBER (C) :

NO (N)

## FIG. 56



## FIG. 57

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z) :  -

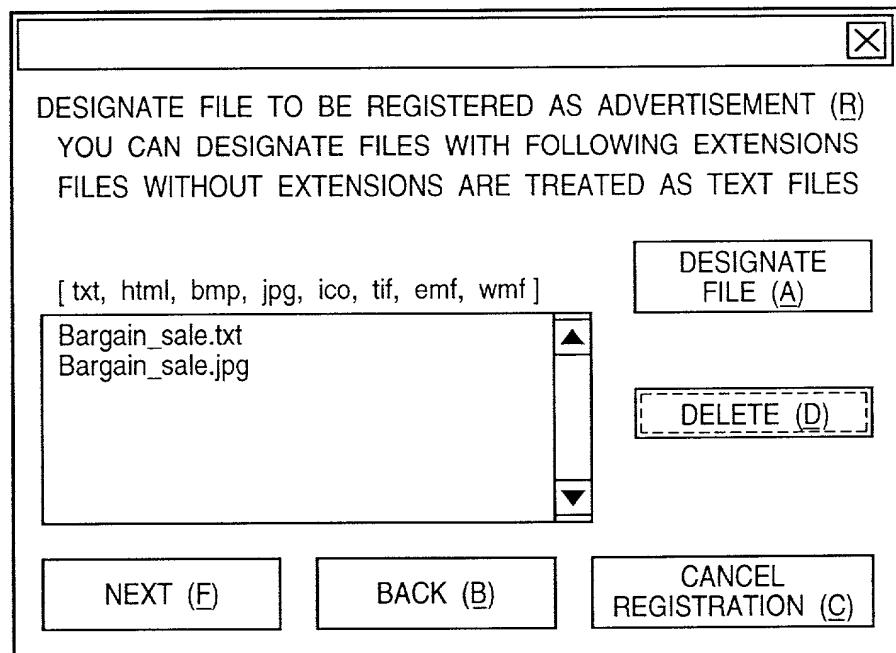
ADDRESS (A) :

TELEPHONE NUMBER (T) :  -  -

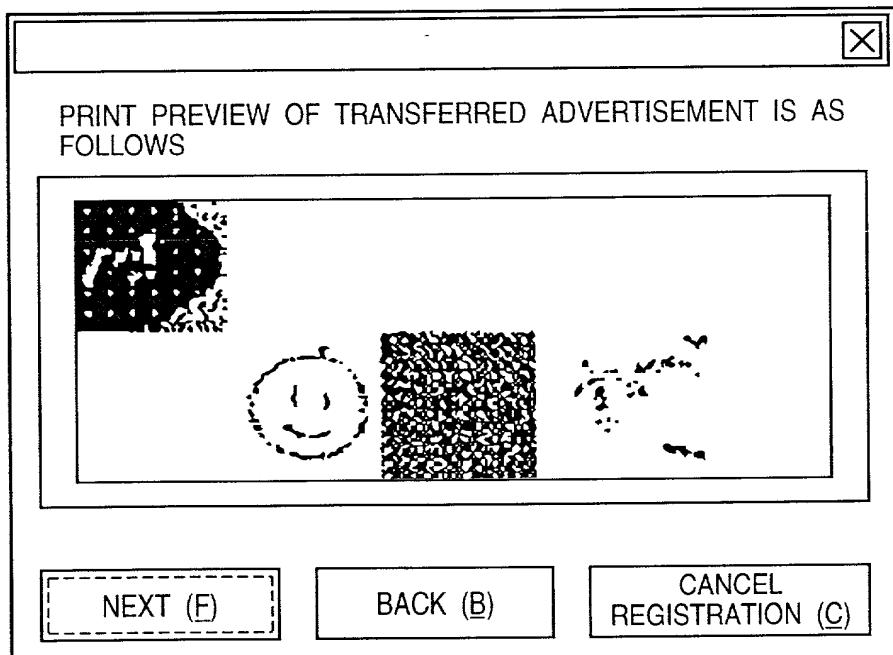
NAME OR NAME OF COMPANY (N) :

E-MAIL ADDRESS (E) :

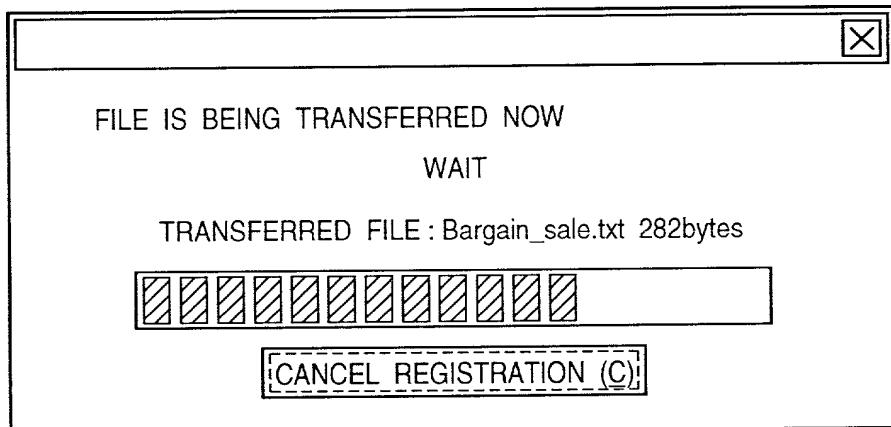
## FIG. 58



## FIG. 59



## FIG. 60



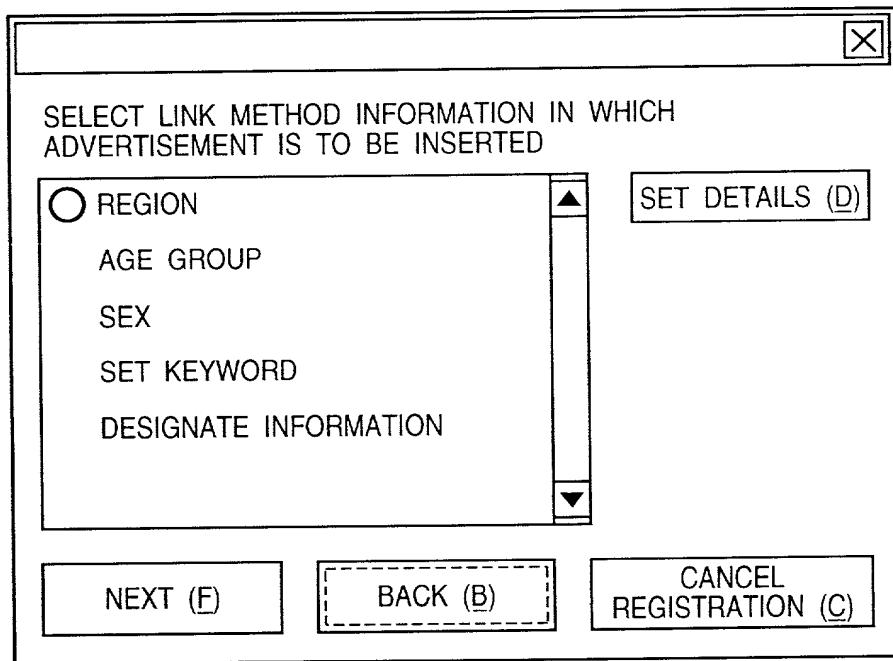
## FIG. 61

SET DATE OF START OF ADVERTISEMENT INSERTION (S)

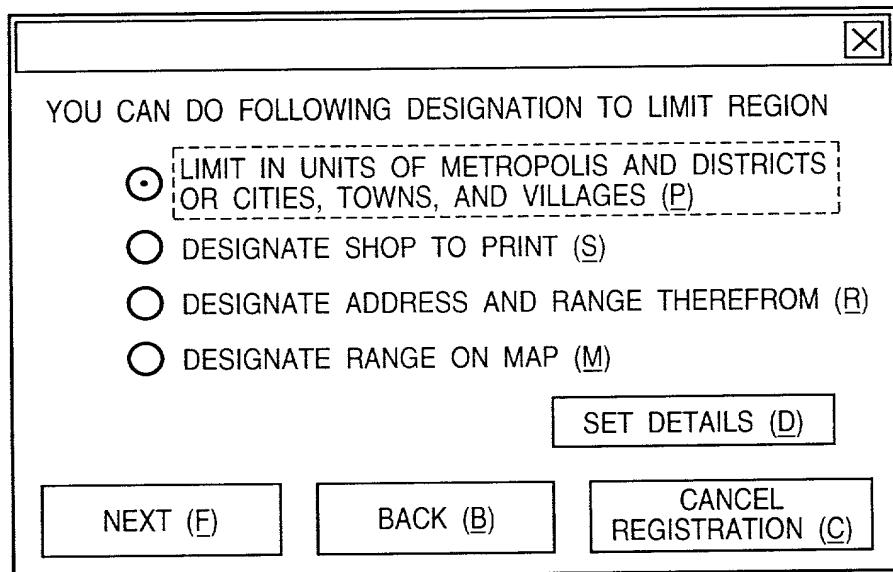
SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

INDEFINITE (I)  
 ONE WEEK (W)  
 ONE MONTH (M)  
 ONE YEAR (Y)  
 DESIGNATE DATE (D)

## FIG. 62



## FIG. 63



## FIG. 64

ADVERTISEMENT SIZE CALCULATED FROM  
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT	12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE  
REGISTERED (S)

L SIZE 6cm×12cm

PORTRAIT (P)  
 LANDSCAPE (L)

ADJUSTMENT OF ADVERTISEMENT SIZE

ENLARGE / REDUCE REGISTERED DATA TO FIT  
ADVERTISEMENT TO PRINTING SIZE (A)

PRINT ADVERTISEMENT AT THE CENTER WITHOUT  
ANY CHANGE IN SIZE OF REGISTERED DATA (B)

## F I G. 65

ADVERTISEMENT SIZE CALCULATED FROM  
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT	12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE  
REGISTERED (S)

L SIZE (6cm×12cm)	▼	<input type="radio"/> PORTRAIT (P)
B5 SIZE	▲	<input type="radio"/> LANDSCAPE (L)
B6 SIZE		
L SIZE (6cm×12cm)	▼	T SIZE
M SIZE (4cm×8cm)		
S SIZE (2cm×5cm)		
POSTCARD SIZE	▼	STERED DATA TO FIT
ADVERTISEMENT TO PRINTING SIZE (A)		

PRINT ADVERTISEMENT AT THE CENTER WITHOUT  
ANY CHANGE IN SIZE OF REGISTERED DATA (B)

NEXT (F)  BACK (B)  CANCEL  
REGISTRATION (C)

## FIG. 66

LIMITATION ON ADVERTISEMENT INSERTION POSITION

SINGLE ADVERTISEMENT (U)

ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (T)

MAY BE PRINTED ON LOWER SURFACE (R)

**NEXT (F)**   **BACK (B)**   **CANCEL  
REGISTRATION (C)**

## FIG. 67

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION  
IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN  
CORRESPONDENCE WITH NUMBER OF PRINTED PAGES

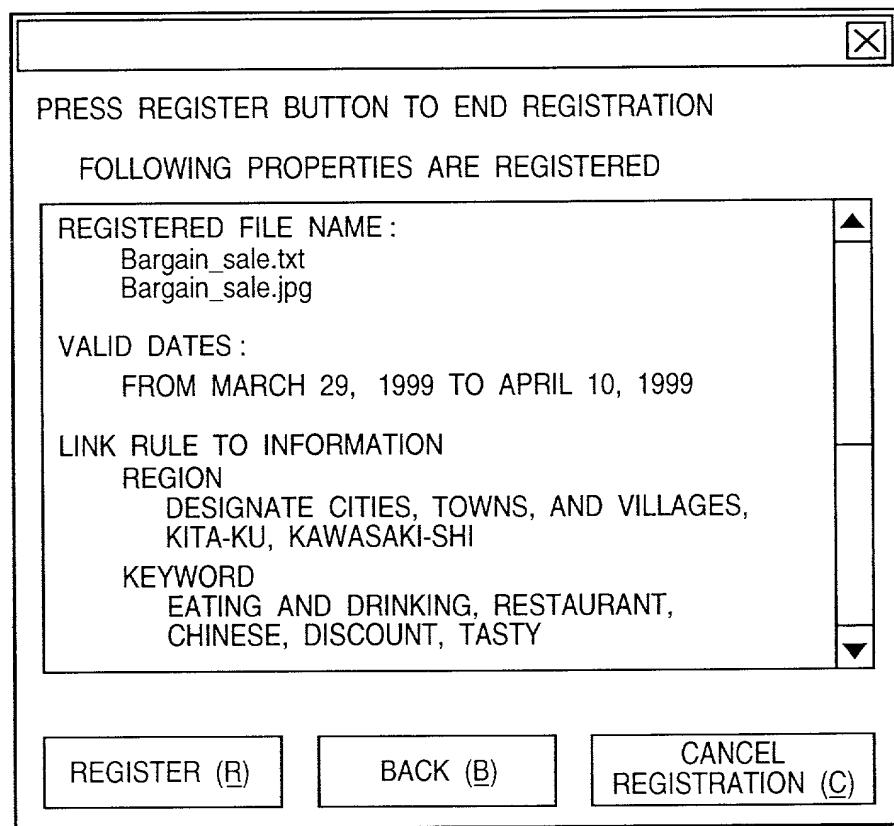
SET UPPER LIMIT OF ADVERTISEMENT CHARGE:

DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

DESIGNATE UPPER LIMIT OF ADVERTISEMENT  
CHARGE (P)

MAXIMUM (M): 400  TIMES

## FIG. 68



## FIG. 69

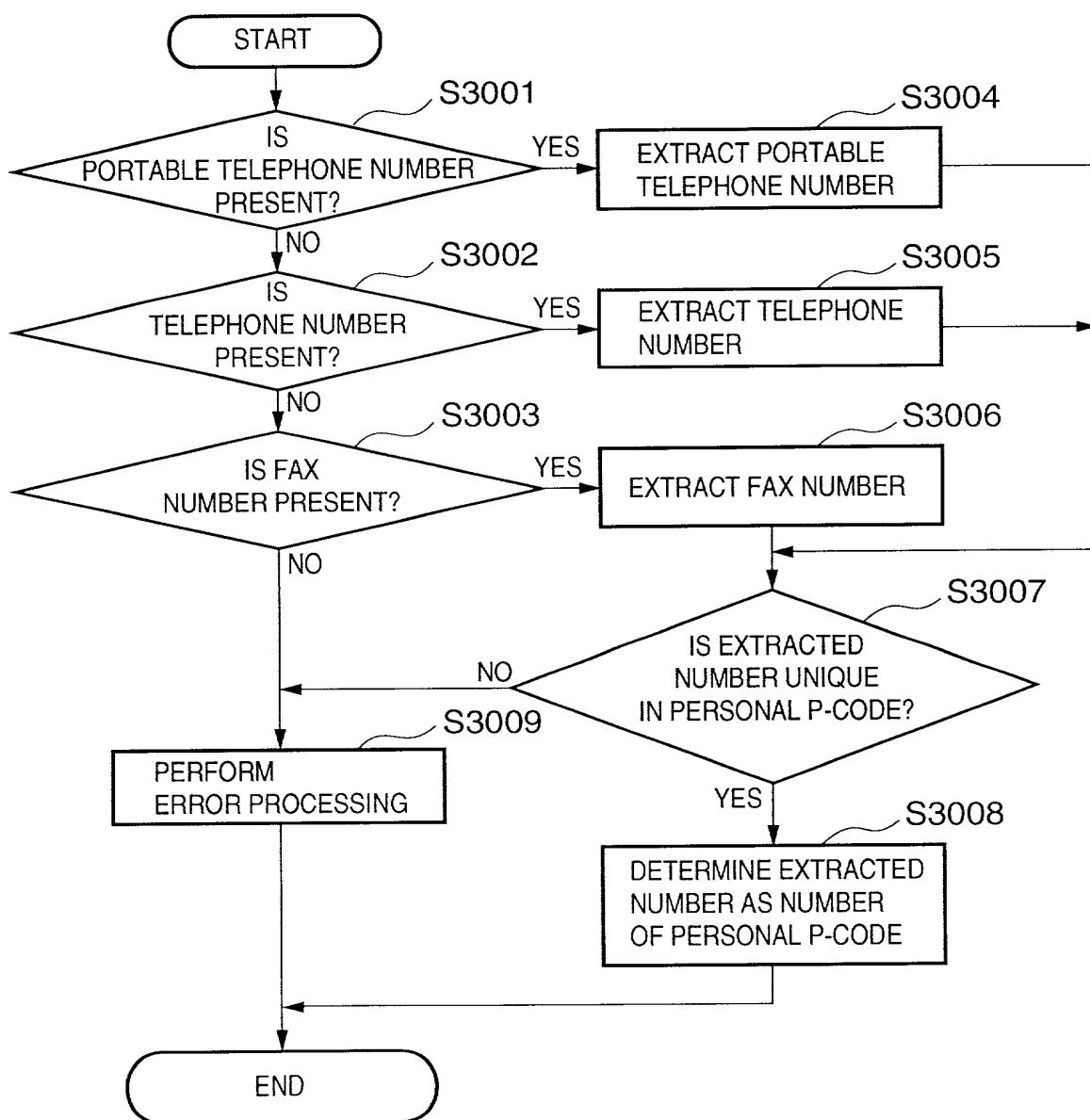
X

DO YOU WANT PRINT OF PARTICULARS OF  
REGISTERED ADVERTISEMENT INFORMATION?

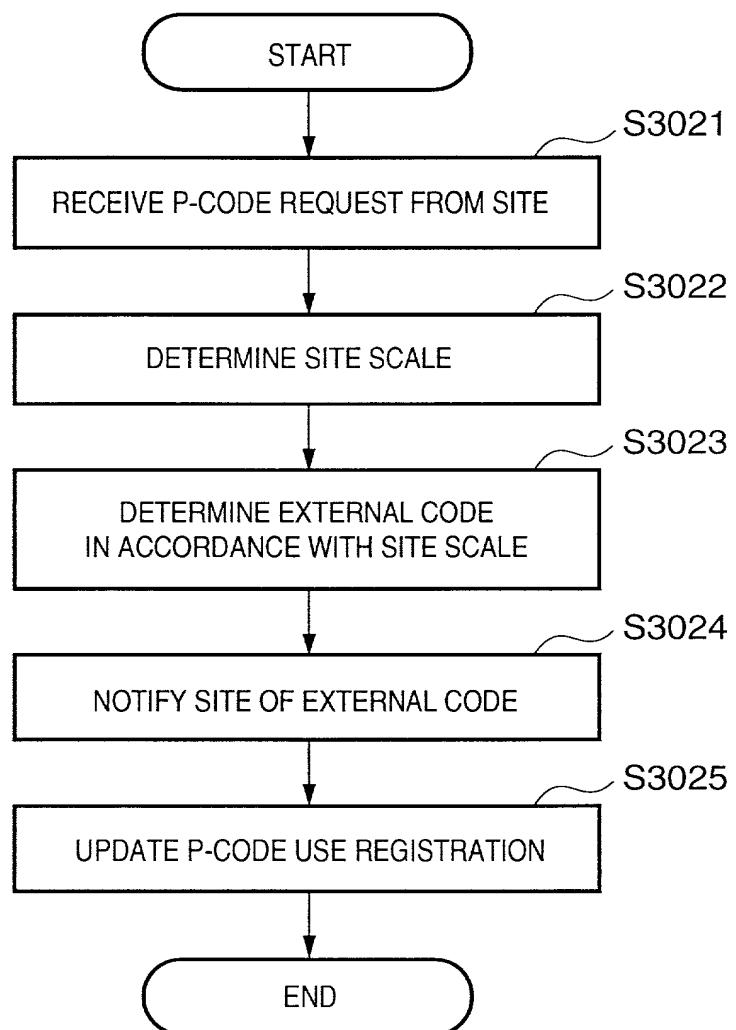
( PRINT IS ALSO AVAILABLE FROM INQUIRY OF )  
REGISTERED ADVERTISEMENT INFORMATION

YES (Y)  NO (N)

FIG. 70



## FIG. 71



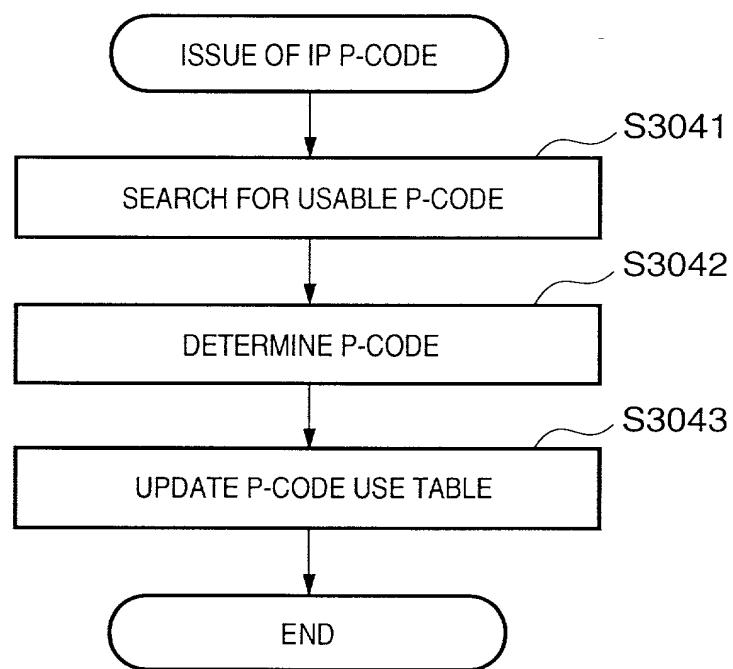
**FIG. 72**

SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

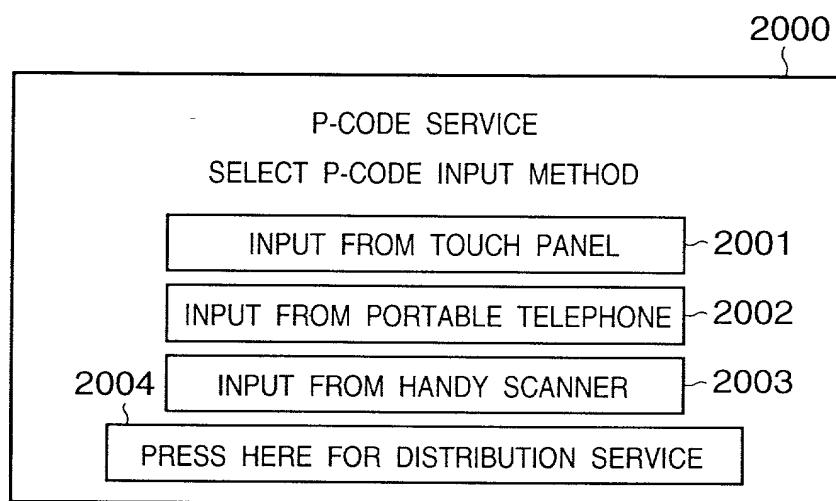
**FIG. 73**

P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

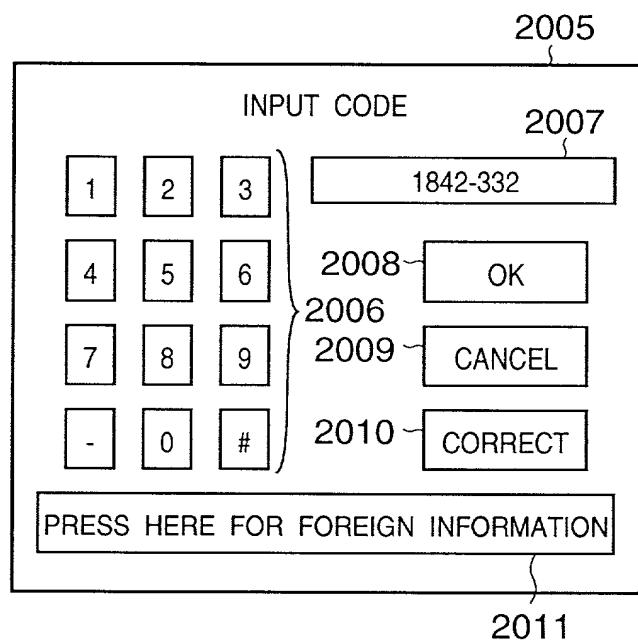
FIG. 74



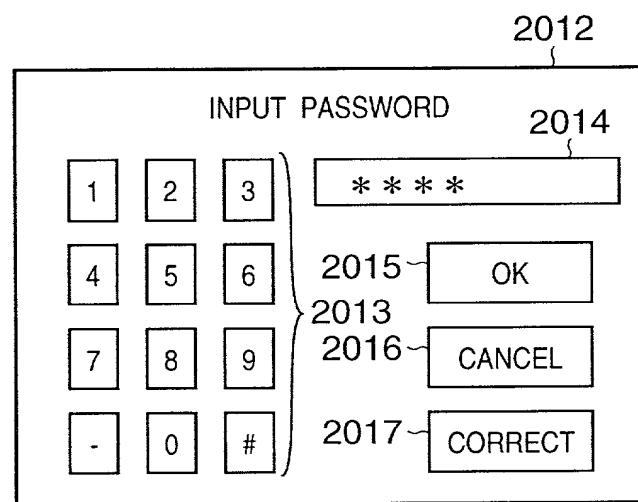
**F I G. 75**



## FIG. 76



**F I G. 77**



## FIG. 78

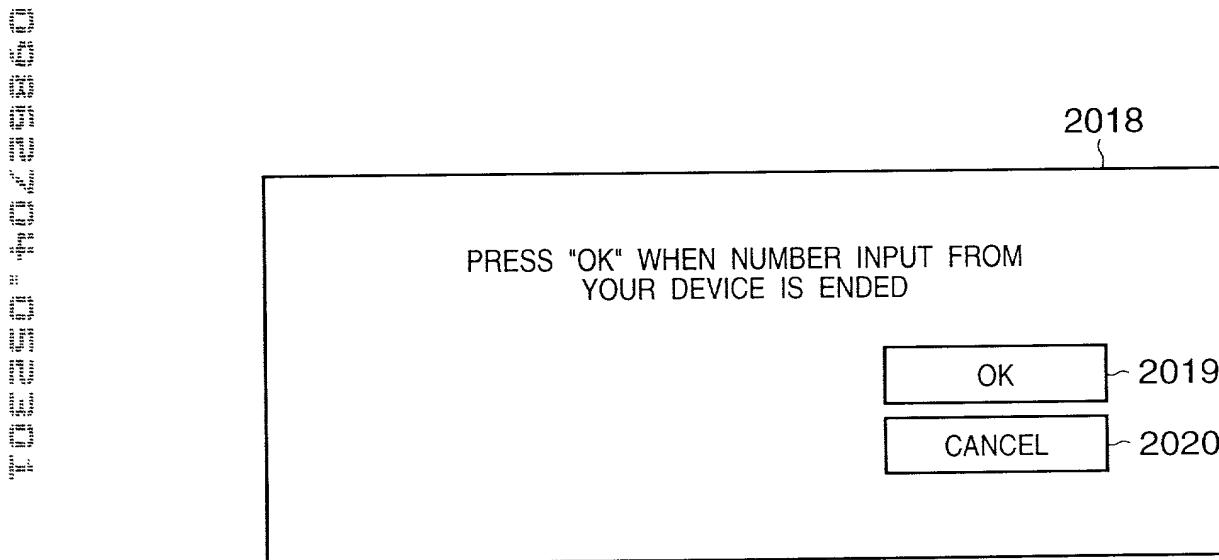


FIG. 79

2021

PRESS "OK" WHEN HANDY SCANNER CODE IS READ

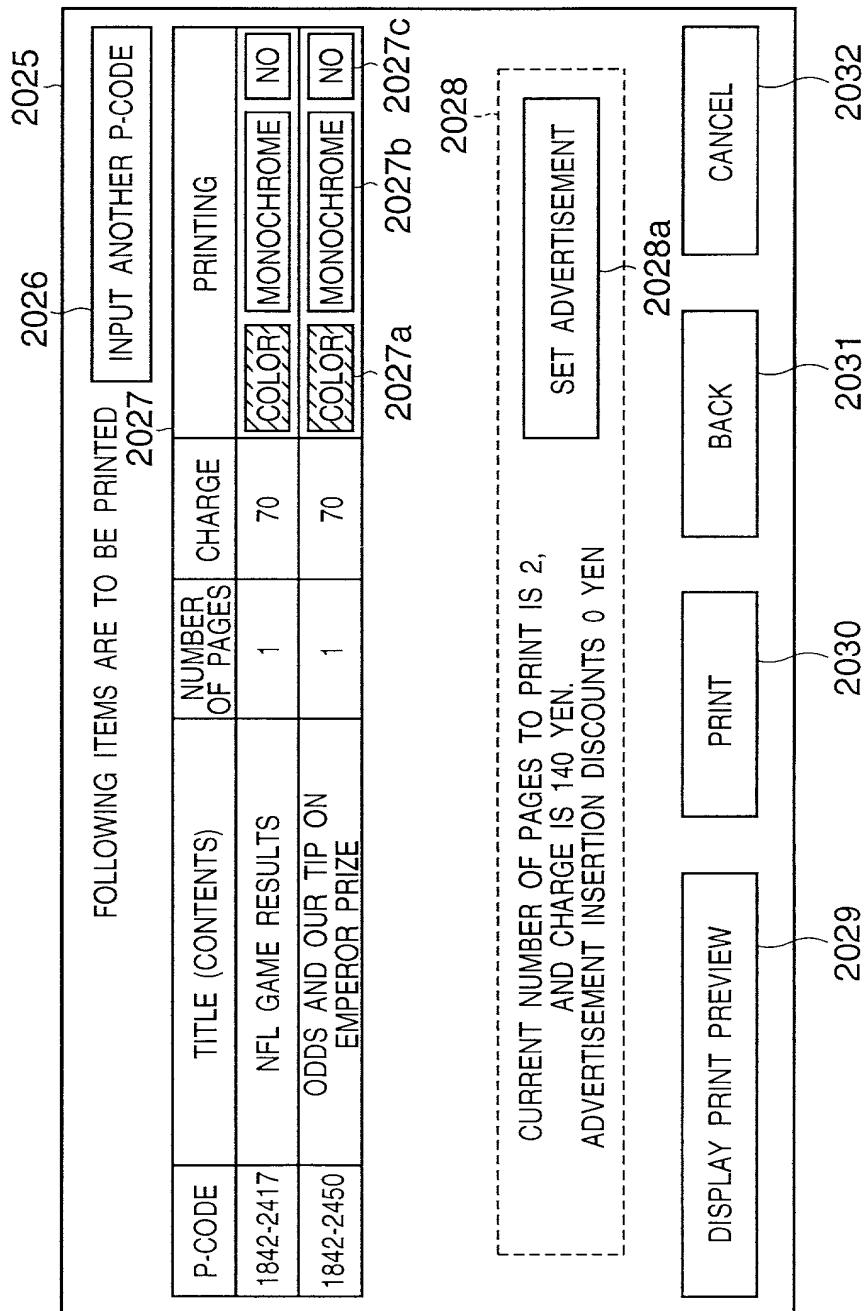
OK

**CANCEL**

~2022

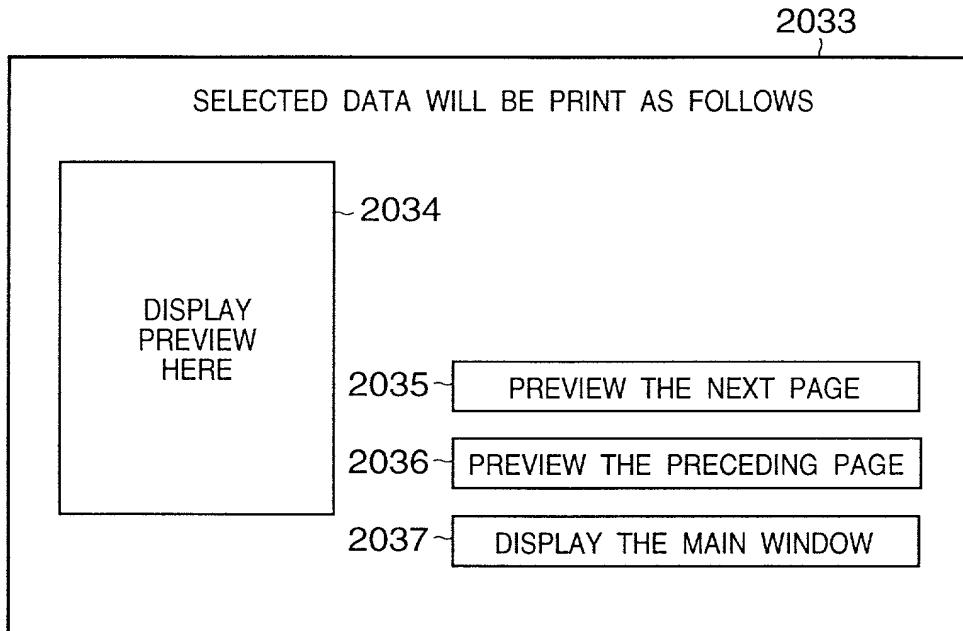
CANCEL 2023

## FIG. 80



**F I G. 81**

2033  
2034  
2035  
2036  
2037



## FIG. 82

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU  
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE

YES

NO

PRINT ON LOWER SURFACE

YES

NO

PRINT ANOTHER PAGE

YES

NO

2038

2039

2040 2041

OK

CANCEL

# FIG. 83

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MAIL BOX HAS FOLLOWING MAIL MESSAGE				
SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT
#1	NEW YEAR PARTY	takaha @ cse.canon	1	COLOR MONOCHROME NO
#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	COLOR MONOCHROME NO
#3	Re : DO YOU KNOW?	nishida@ykk.com	1	COLOR MONOCHROME NO

2043 2044 2045 2046 2042

2046a 2046b 2046c

2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3.

2047

<input type="button" value="PRINT PREVIEW"/>	<input type="button" value="SET OPTIONS"/>	<input type="button" value="PRINT"/>	<input type="button" value="BACK"/>	<input type="button" value="CANCEL"/>
----------------------------------------------	--------------------------------------------	--------------------------------------	-------------------------------------	---------------------------------------

2048 2049 2050 2051 2052

## FIG. 84A

2053

### MAIL PRINTING OPTIONS

YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES  
CONTINUOUSLY ONE SHEET

YES

NO

} 2054

DENSELY PRINT WITH  
SMALLEST LETTERS

YES

NO

2055 2056

OK

CANCEL

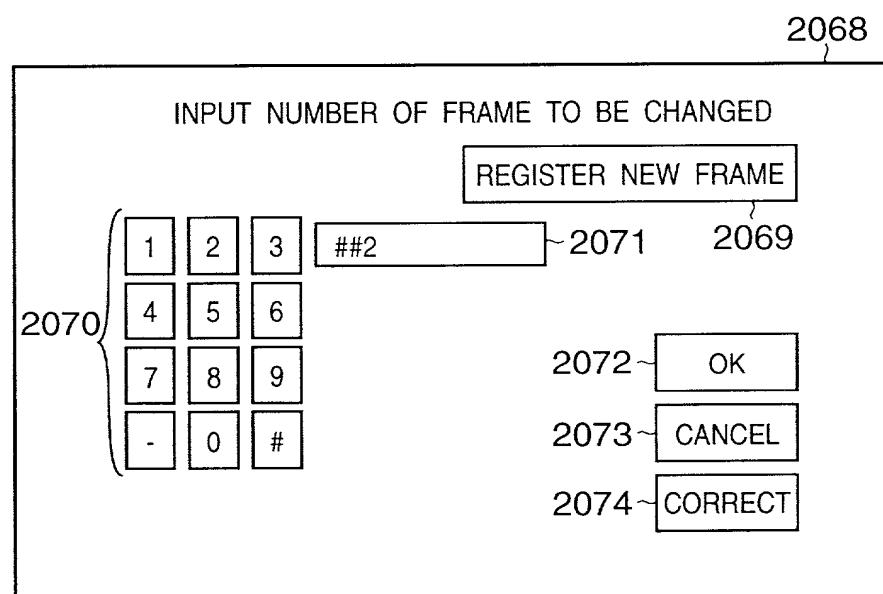


# FIG. 85

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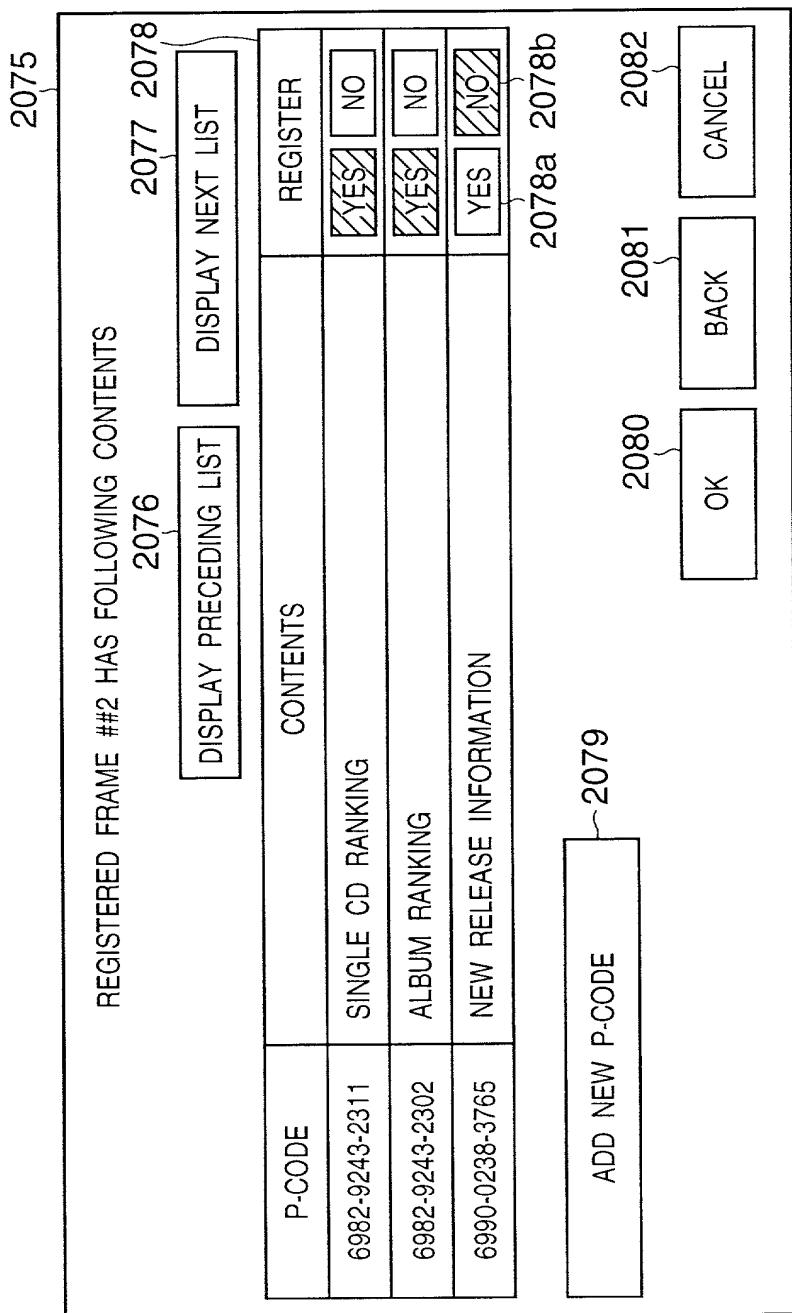
REGISTERED FRAME IS AS FOLLOWS																	
2058	<input type="button" value="PRINT ALL"/> <input type="button" value="DISPLAY PRECEDING LIST"/>																
2059	<input type="button" value="DISPLAY PRECEDING LIST"/> <input type="button" value="DISPLAY NEXT LIST"/>																
2060	<input type="button" value="PRINT"/>																
2061	<input type="button" value="PRINT"/>																
2057	<table border="1"> <thead> <tr> <th>SUFFIX</th> <th>CONTENTS</th> <th>NUMBER OF PAGES</th> <th>PRINT</th> </tr> </thead> <tbody> <tr> <td>##1</td> <td>CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU</td> <td>1</td> <td><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>##2</td> <td>SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION</td> <td>3</td> <td><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> <tr> <td>##3</td> <td>SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY</td> <td>1</td> <td><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</td> </tr> </tbody> </table>	SUFFIX	CONTENTS	NUMBER OF PAGES	PRINT	##1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	##2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	##3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
SUFFIX	CONTENTS	NUMBER OF PAGES	PRINT														
##1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO														
##2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO														
##3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO														
2061a	<p>2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.</p>																
2061b	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																
2062	<input type="button" value="REGISTER / CHANGE INFORMATION"/>																
2063	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																
2064	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																
2065	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																
2066	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																
2067	<input type="button" value="PRINT PREVIEW"/> <input type="button" value="PRINT"/> <input type="button" value="BACK"/> <input type="button" value="CANCEL"/>																

## FIG. 86

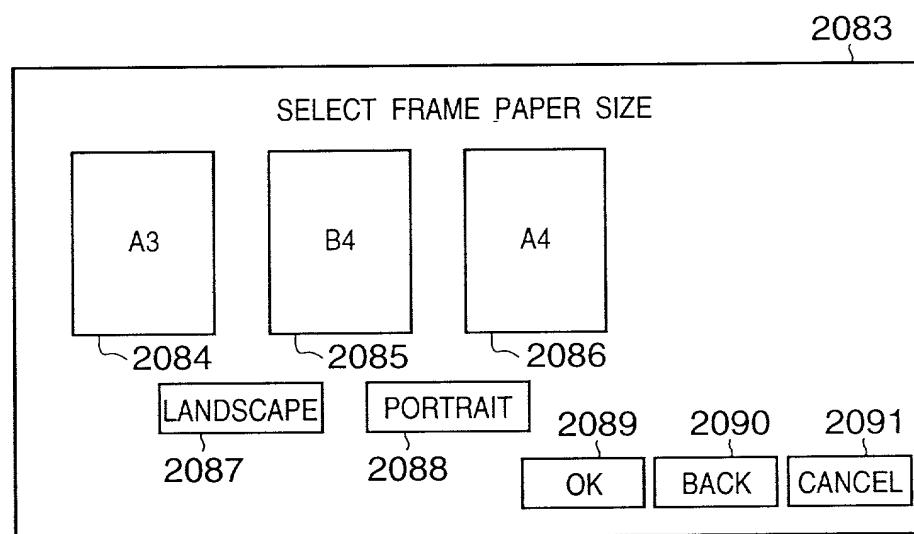


# FIG. 87

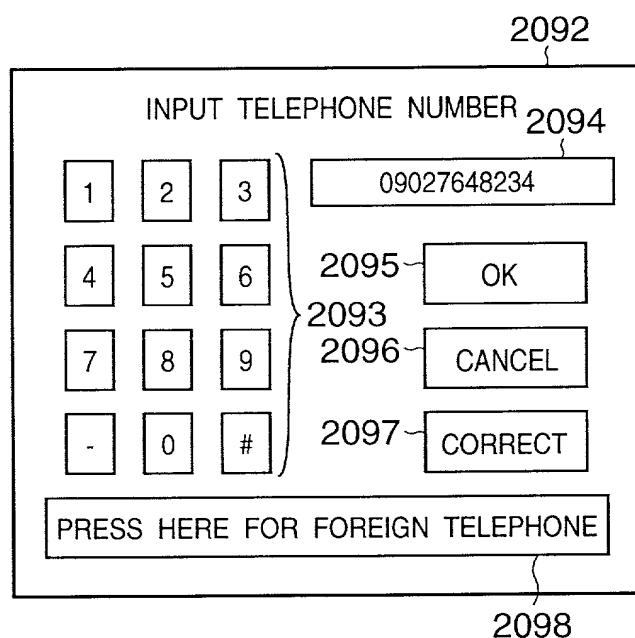
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## FIG. 88



## F I G. 89A



**FIG. 89B**

2304

PLEASE INPUT THE P-CODE OF THE TRANSMISSION DESTINATION

1	2	3
4	5	6
7	8	9
-	0	#

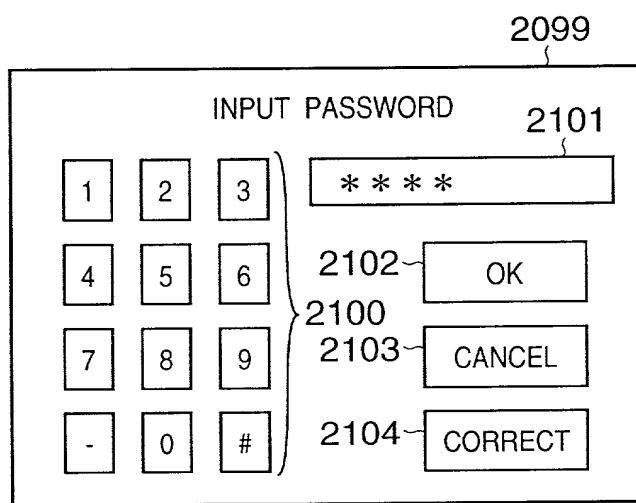
2305

2307 ~ 2308 ~ 2309 ~ 

PLEASE PRESS THIS BUTTON  
FOR DATA TO BE TRANSMITTED ABROAD

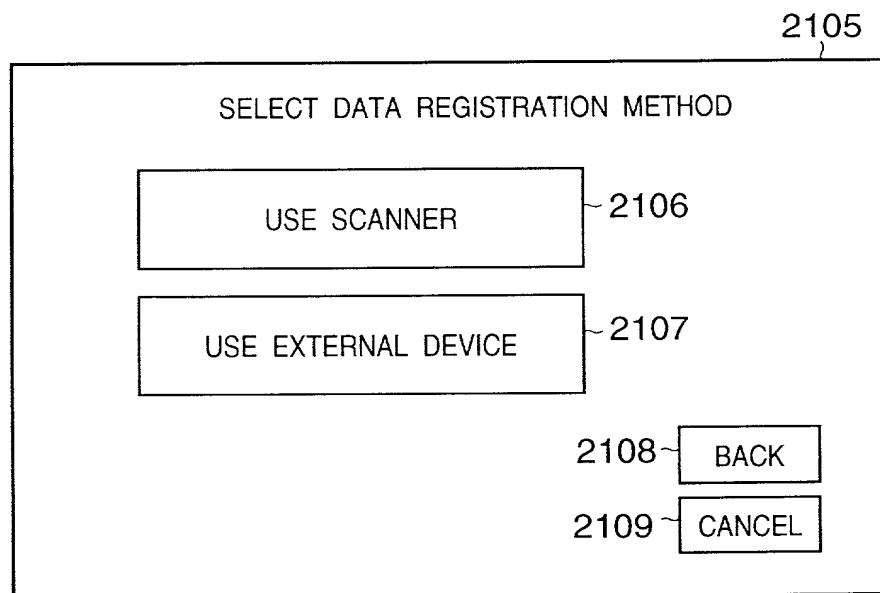
2310

## FIG. 90

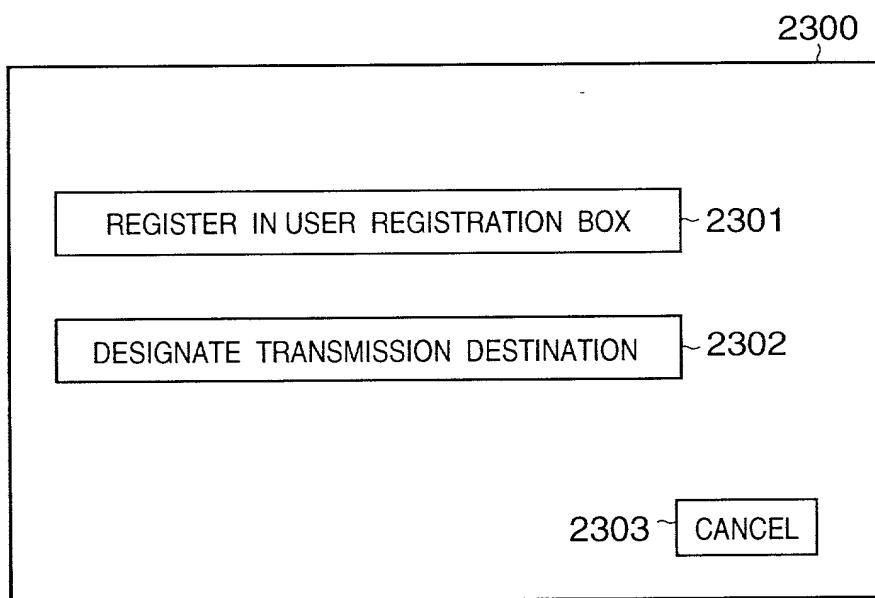


## FIG. 91A

100  
101  
102  
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145



## FIG. 91B



## FIG. 92

2110

SET ORIGINAL TO UPPER LEFT CORNER OF  
SCANNER AND PRESS "OK"

2111~

2112~

2113~

**FIG. 93**

2114

REGISTERED DATA WILL BE PRINTED AS FOLLOWS

2115

DISPLAY PREVIEW HERE

2116~

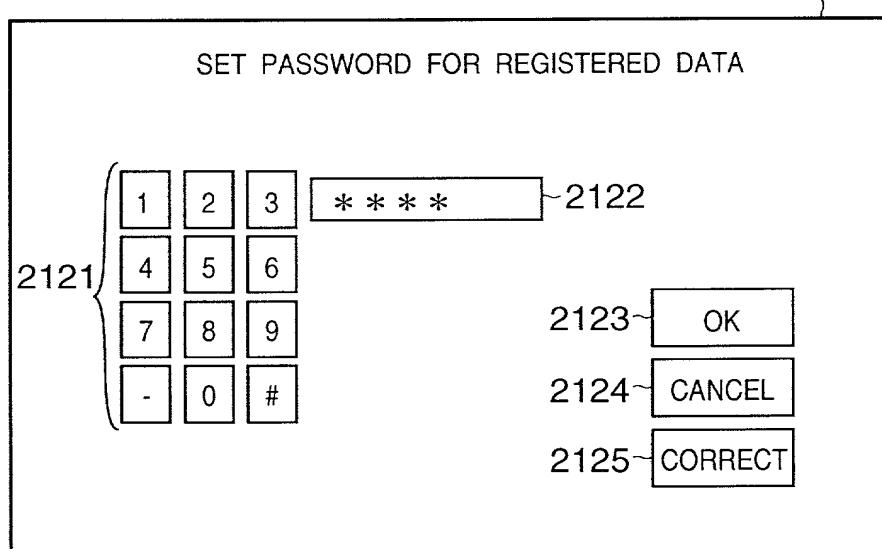
2117~

2118~

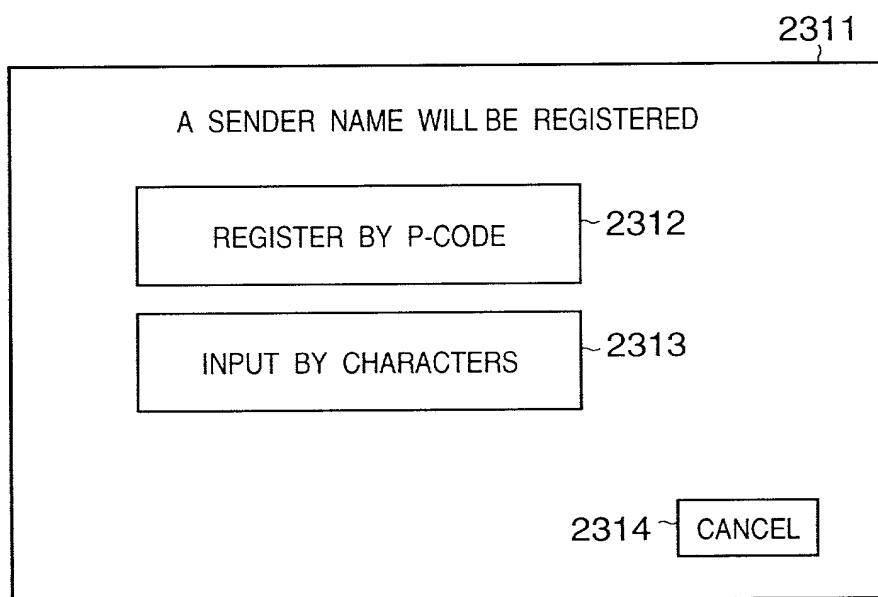
2119~

## FIG. 94A

2120  
1



## FIG. 94B



## FIG. 94C

2315

SENDER NAME:

キヤノ ~ 2316

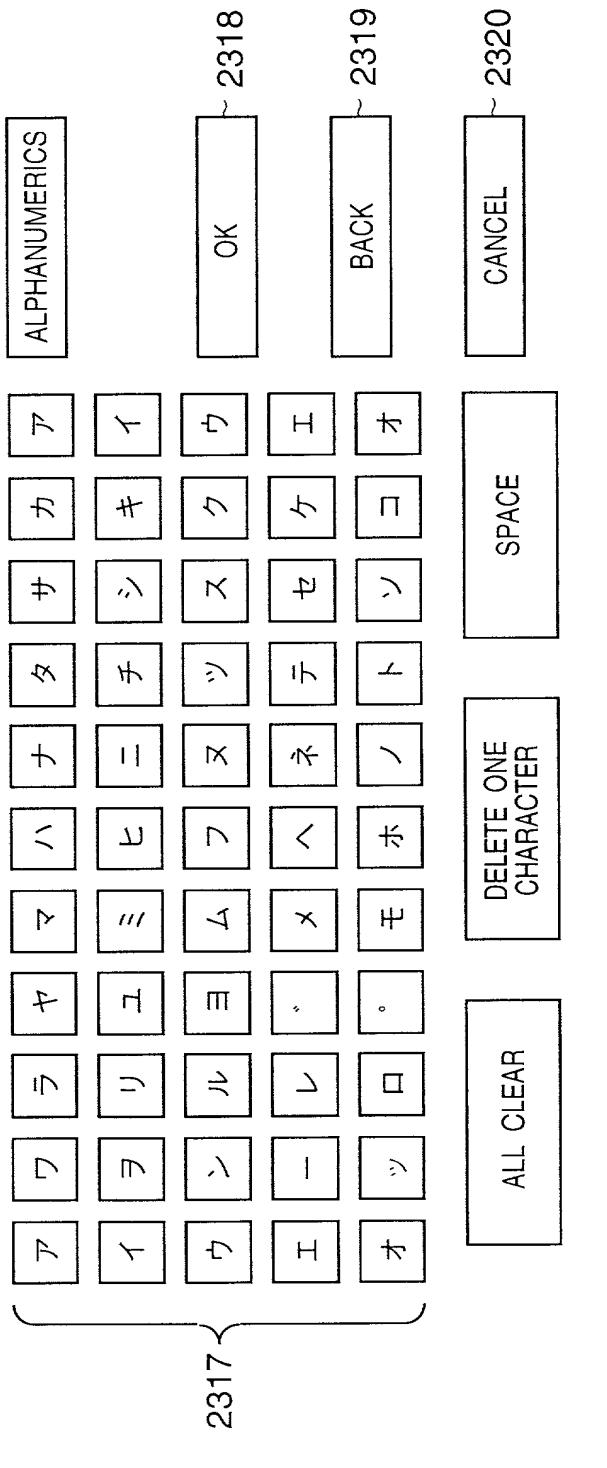
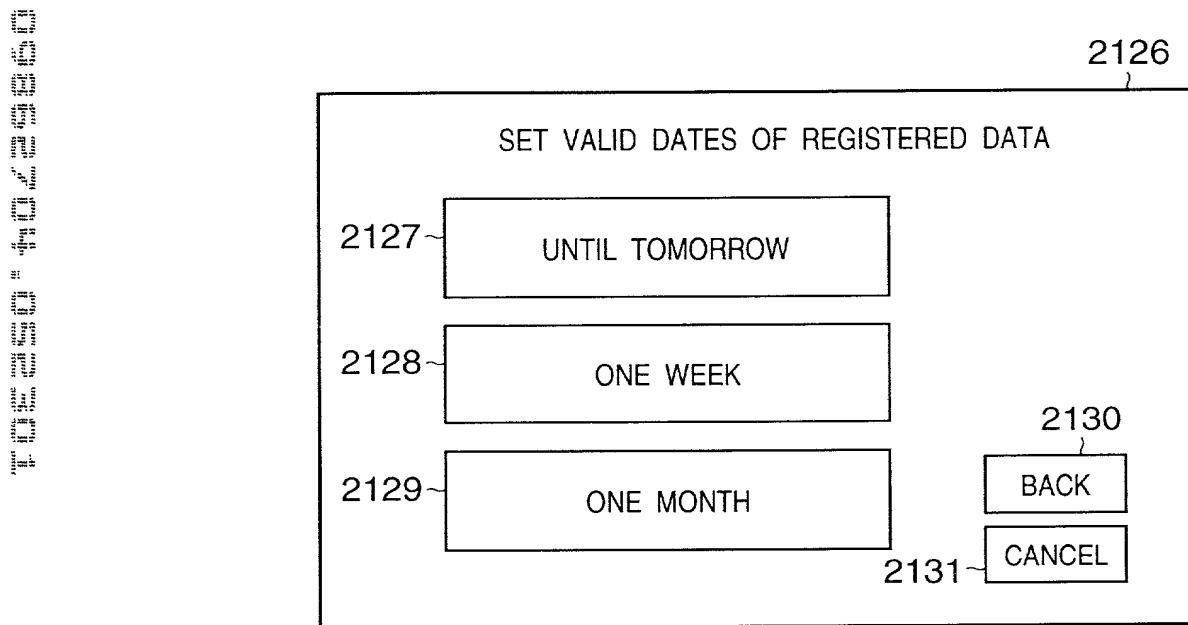


FIG. 95



## FIG. 96A

2132

FOLLOWING DATA IS RECEIVED.  
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	*****
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134      2135      2136

## FIG. 96B

2321

THE TRANSMITTED DATA ARE AS FOLLOWS.  
DETAILS WILL BE PRINTED BY PRESSING THE "OK" BUTTON.

2322

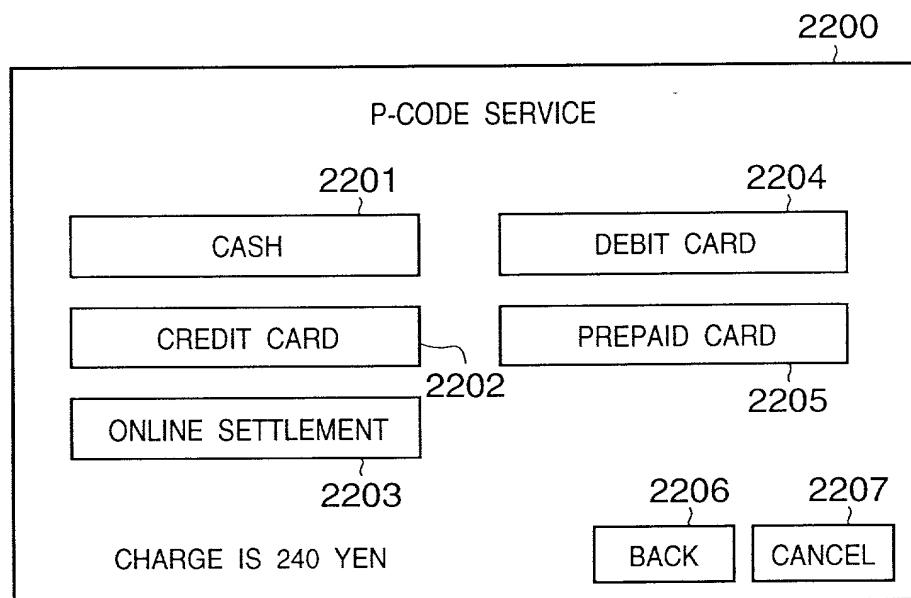
REGISTERED P-CODE	09027584321-2
REGISTERED DATA	760K-BYTE IMAGE
VALID TERM	ONE WEEK (UP TO APRIL, 10)
SENDER	≠ + /

THE REGISTRATION &amp; TRANSMISSION CHARGE IS ¥80 FOR TWO PAGES

OK	BACK	CANCEL
----	------	--------

2323      2324      2325

## FIG. 97



## F I G. 98A

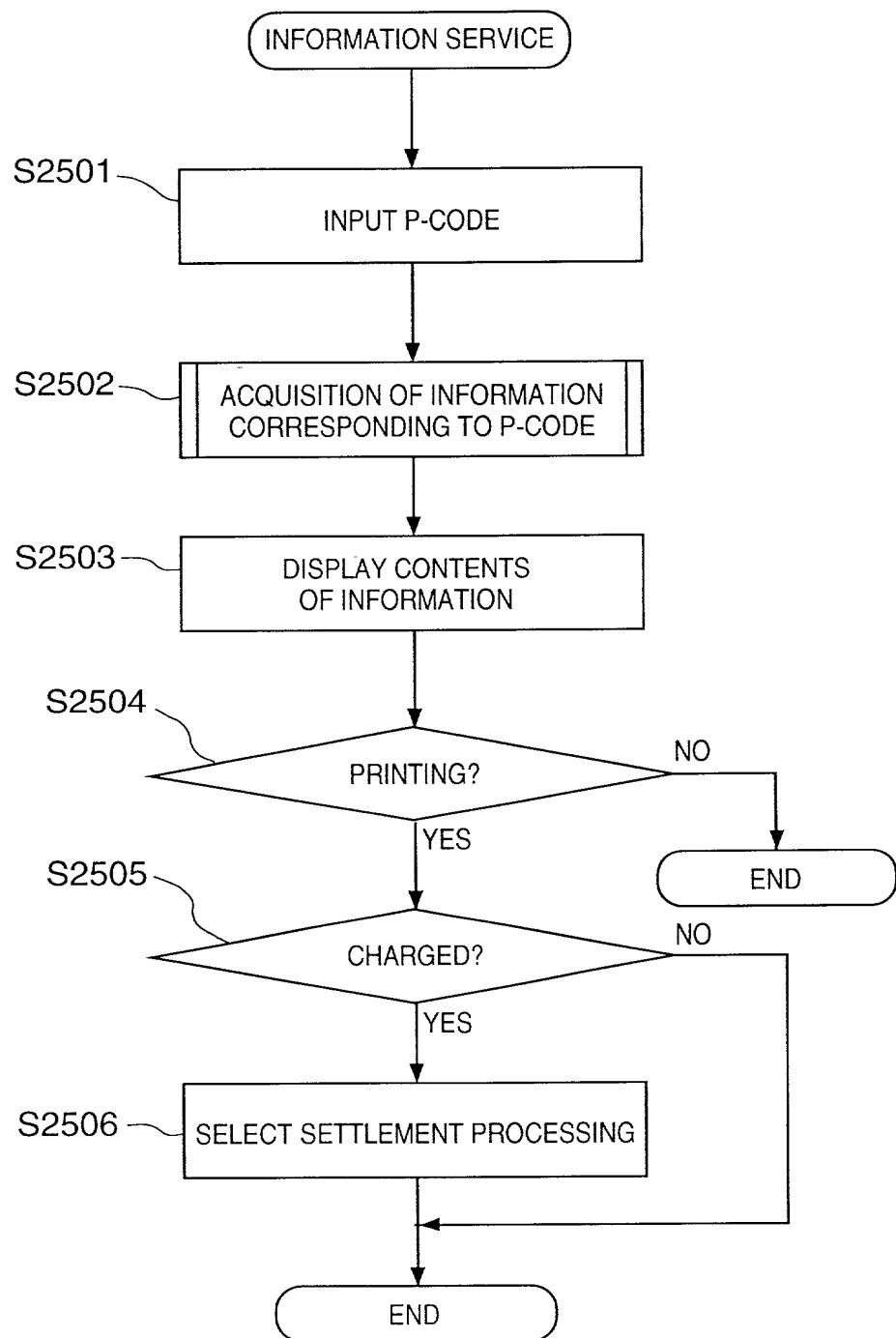
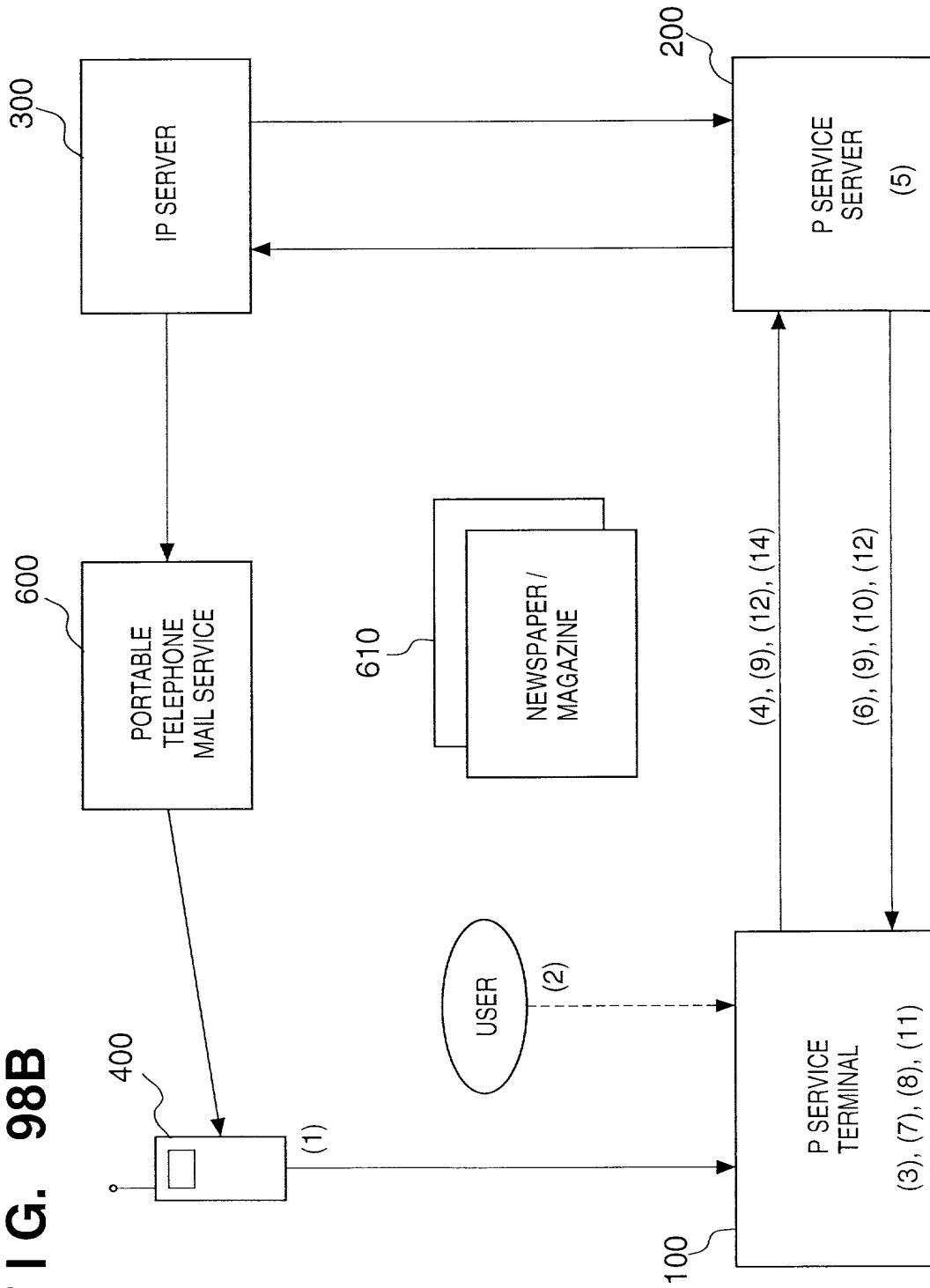
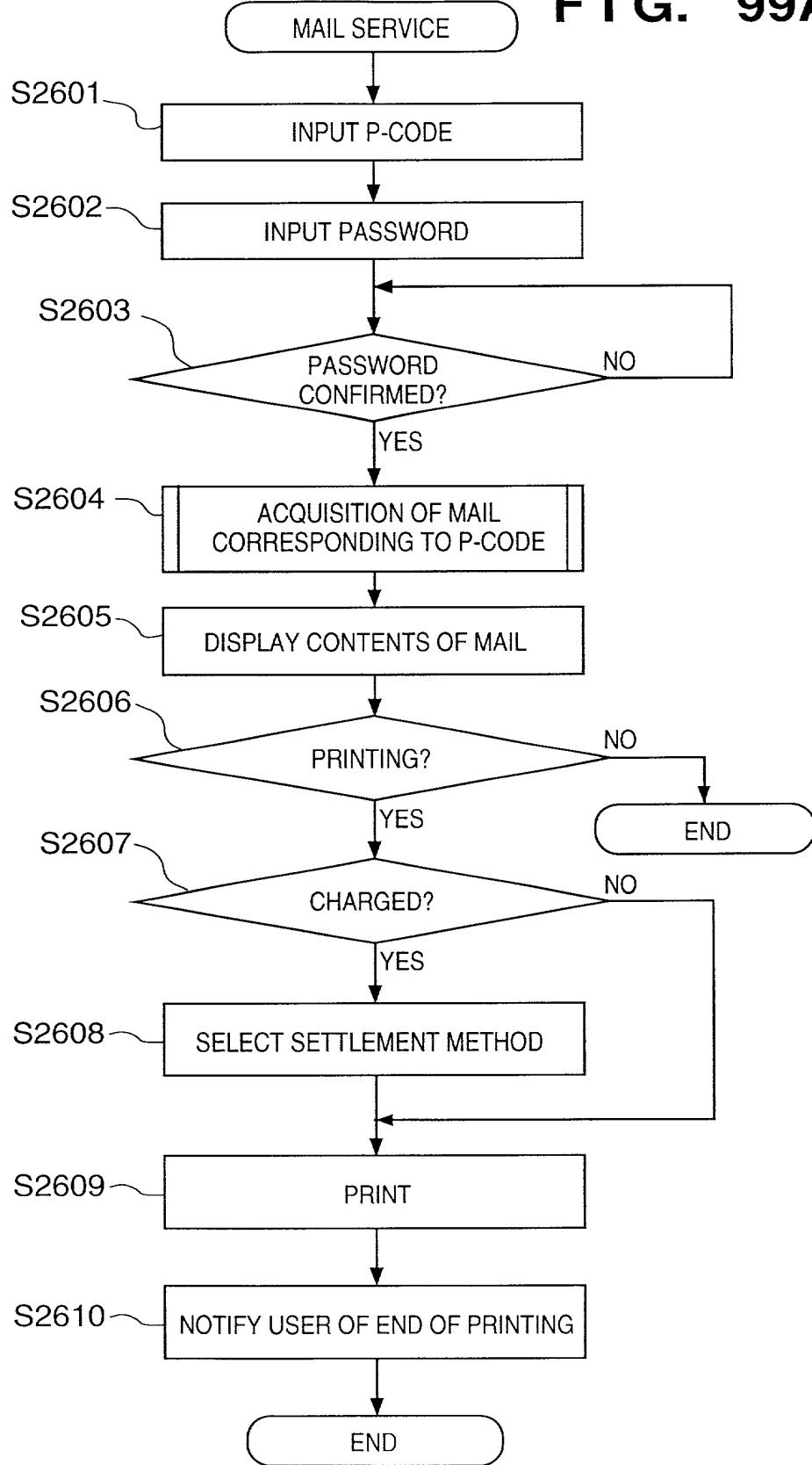


FIG. 98B



## FIG. 99A



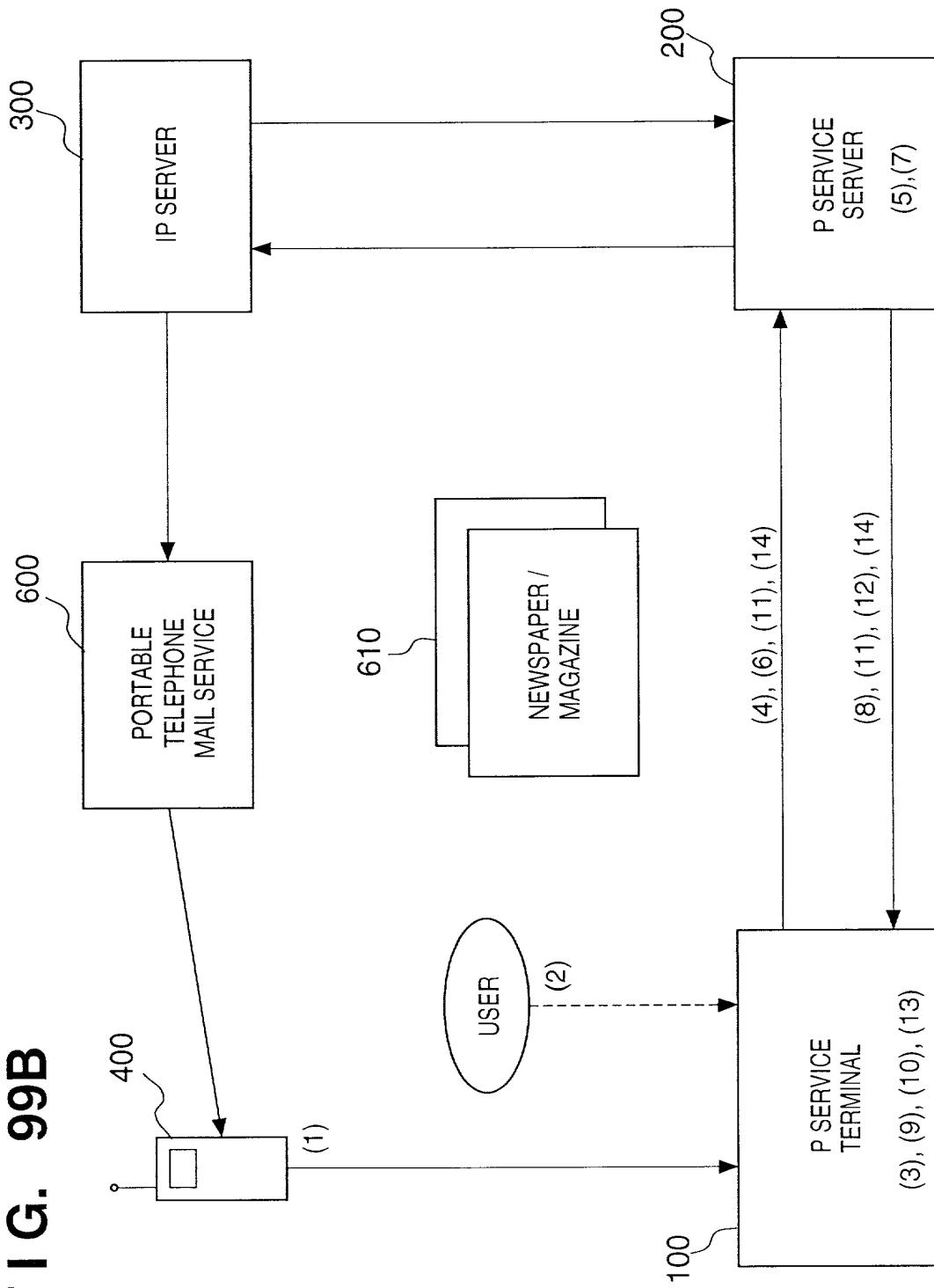
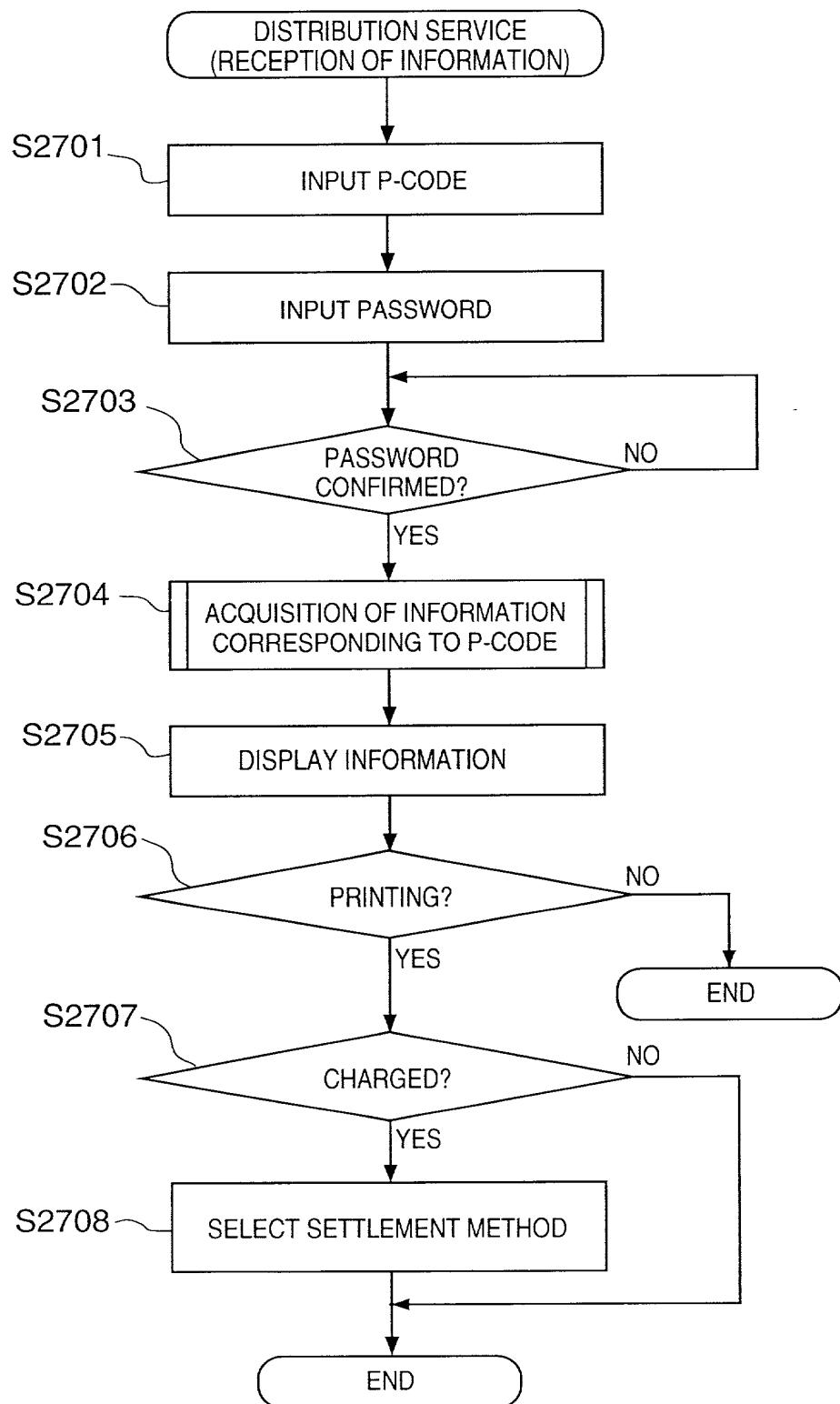
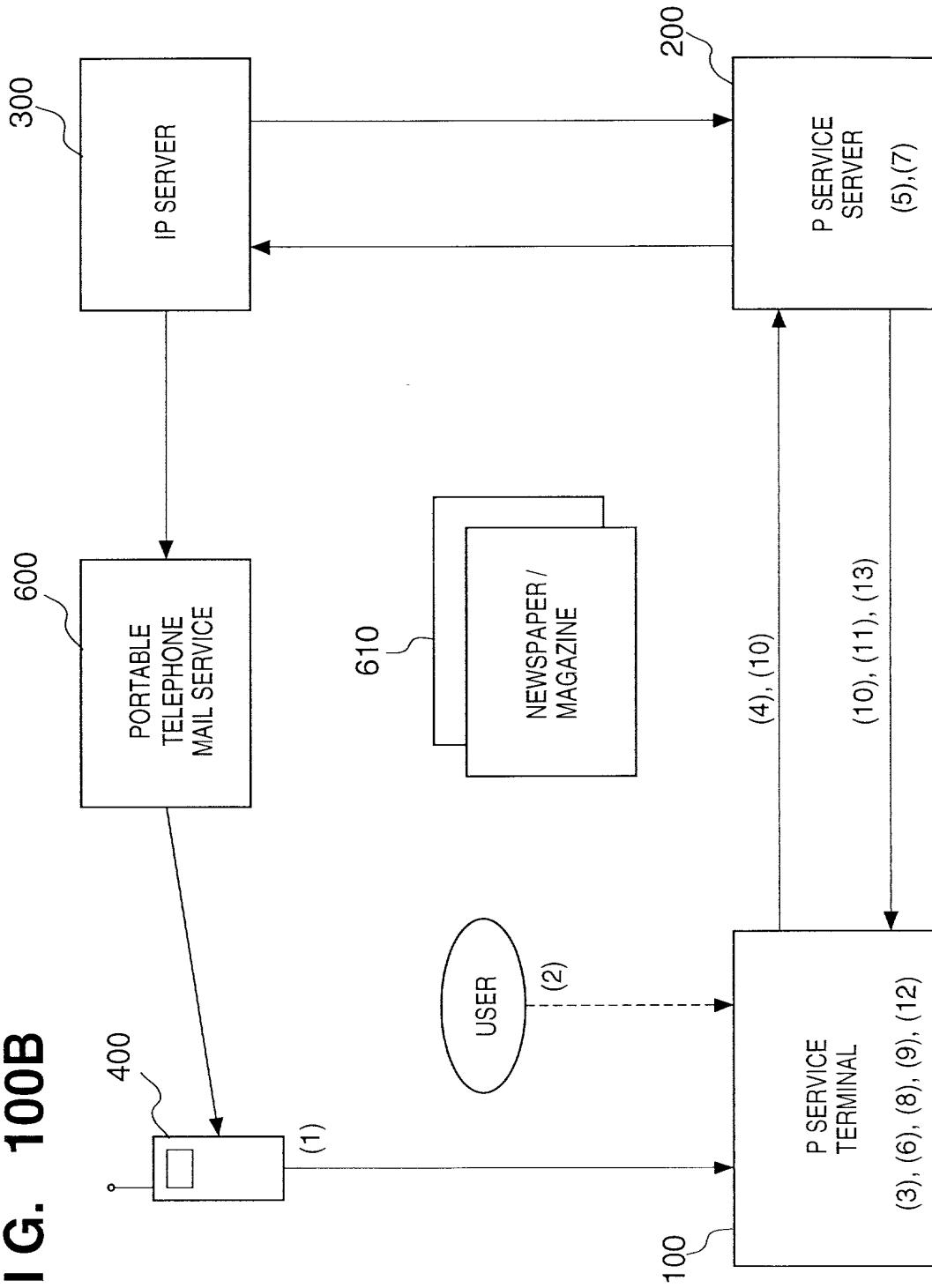
**FIG. 99B**

FIG. 100A



## Fig. 10B



## FIG. 101A

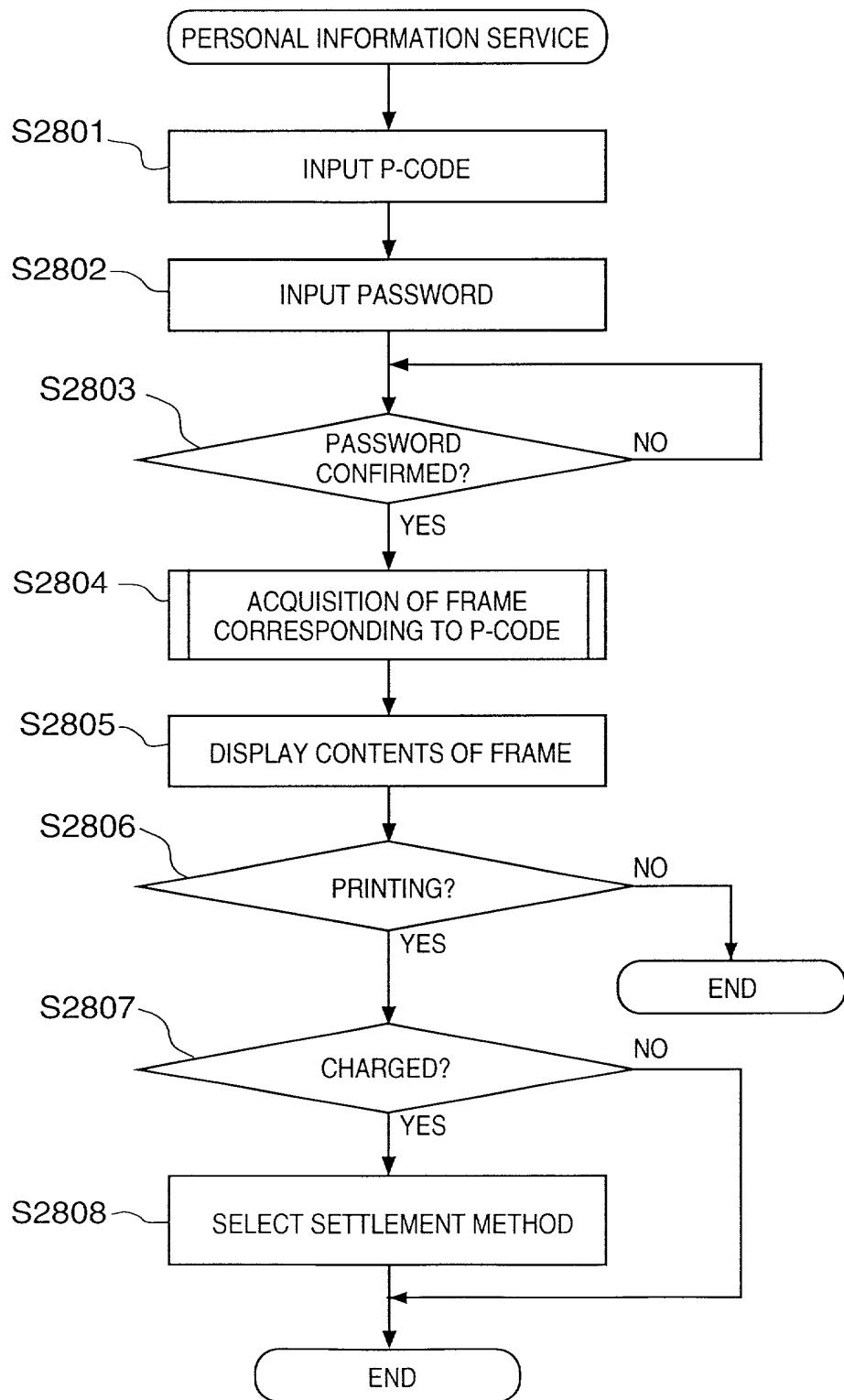
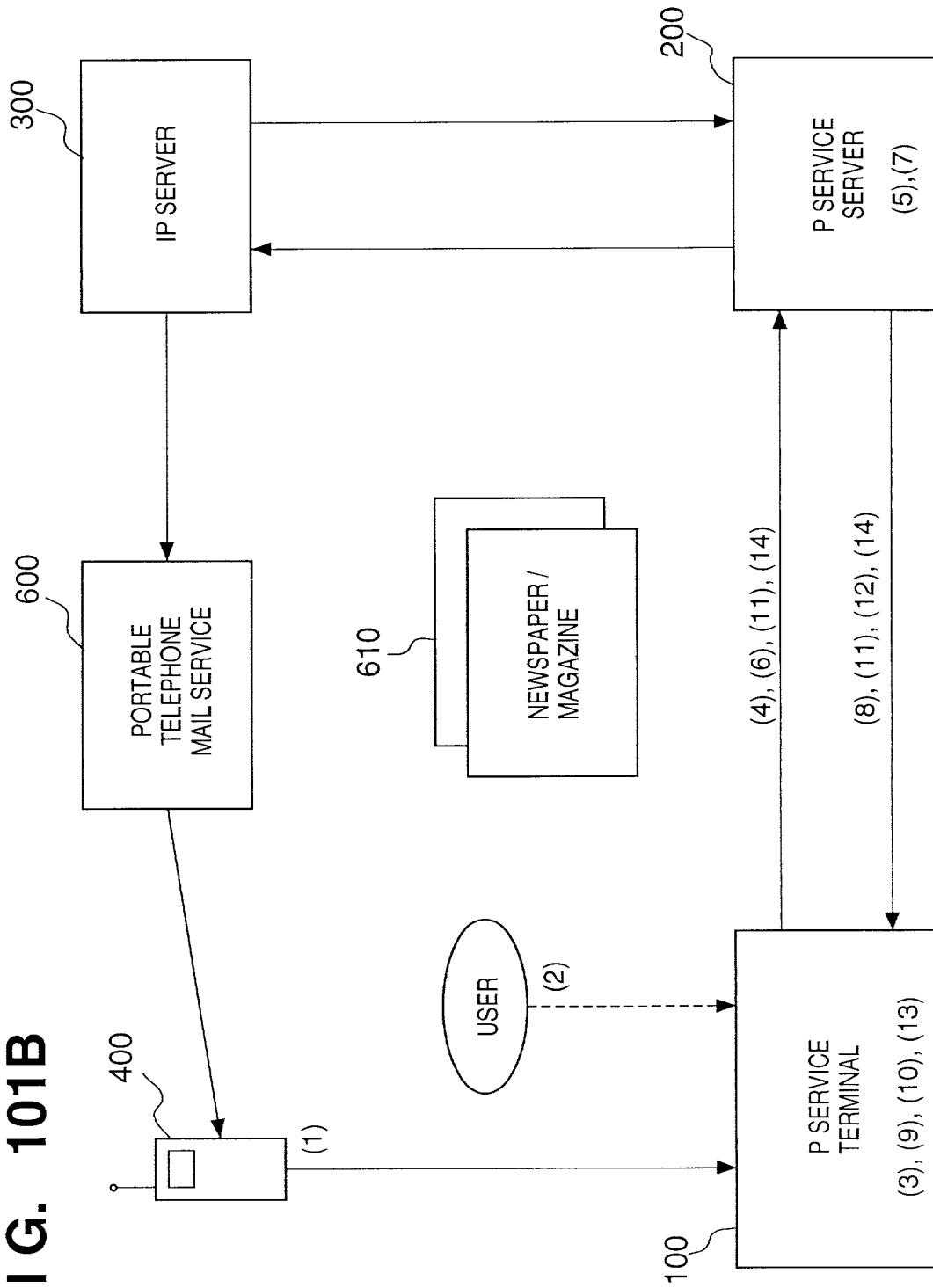
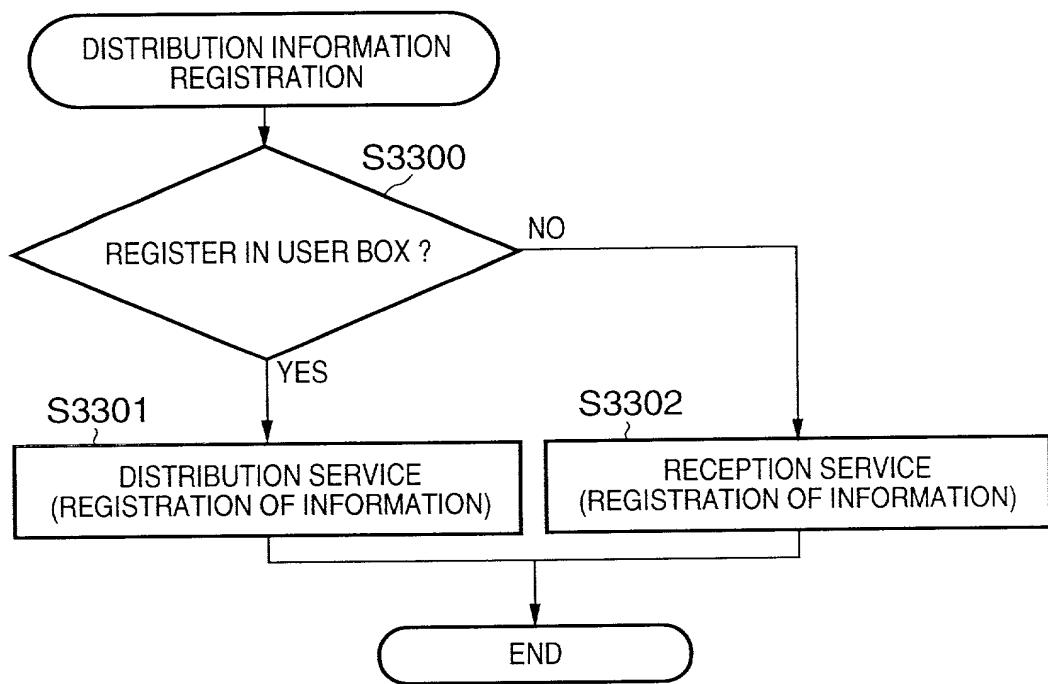


FIG. 101B



## FIG. 102A



## F I G. 102B

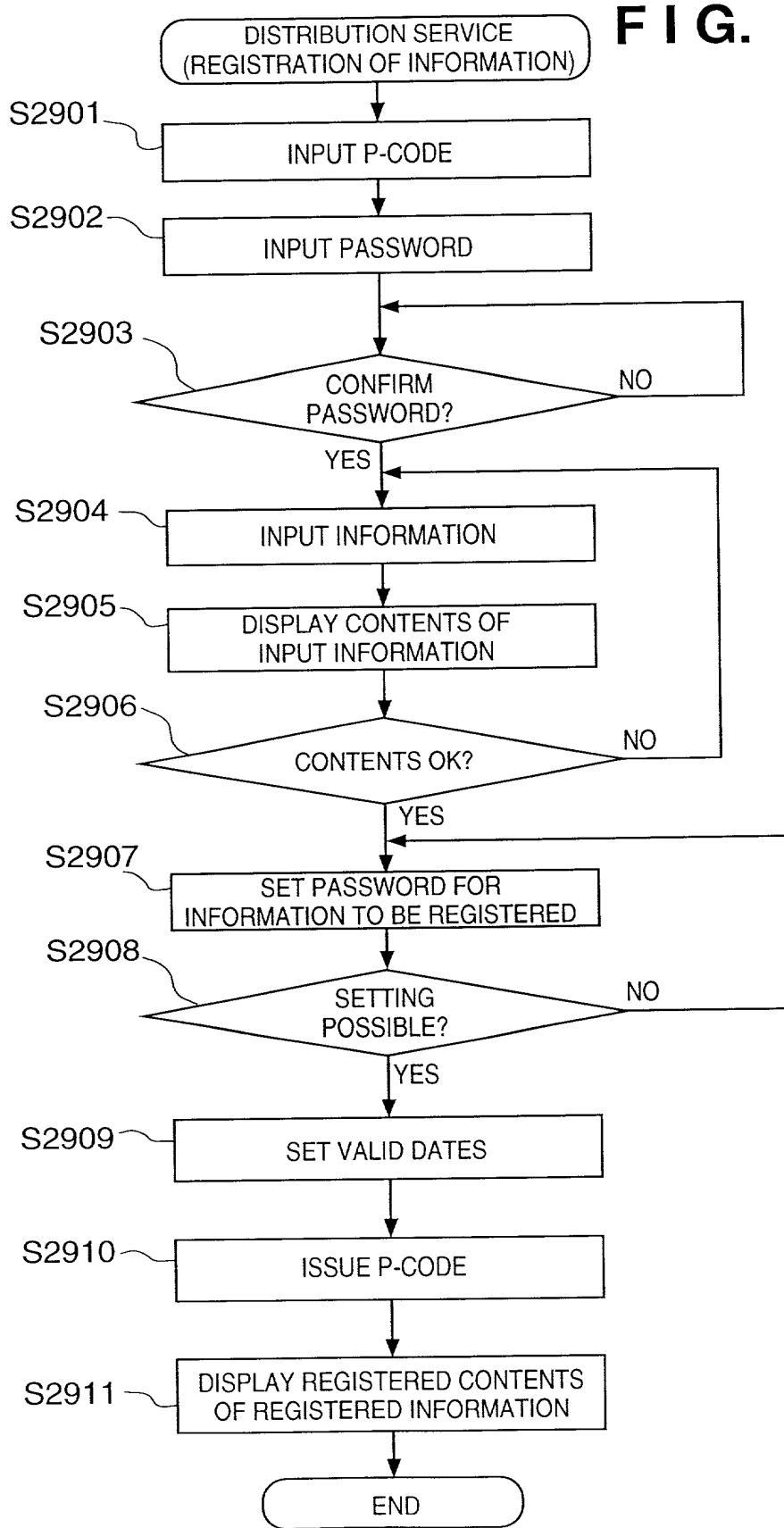
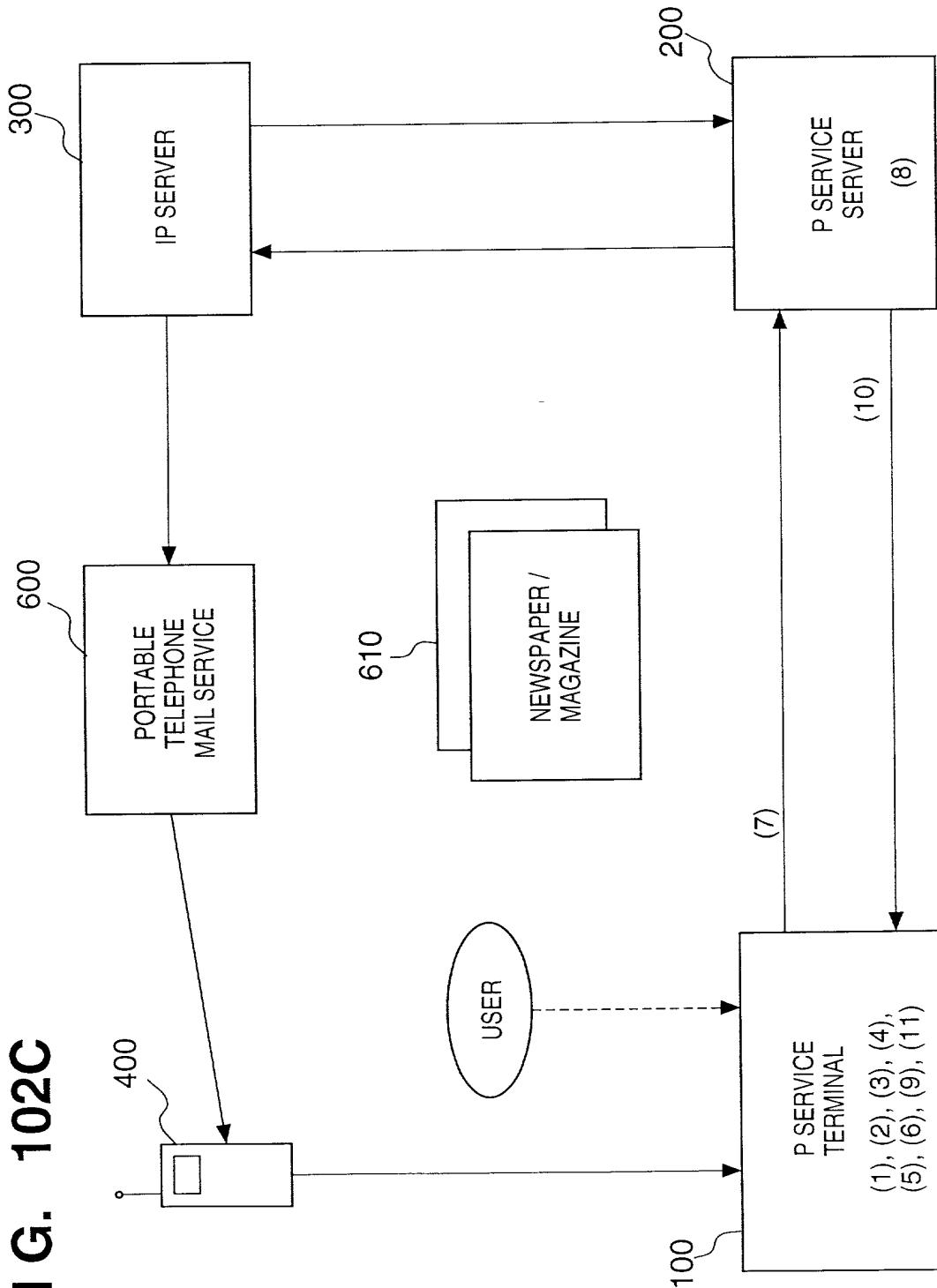
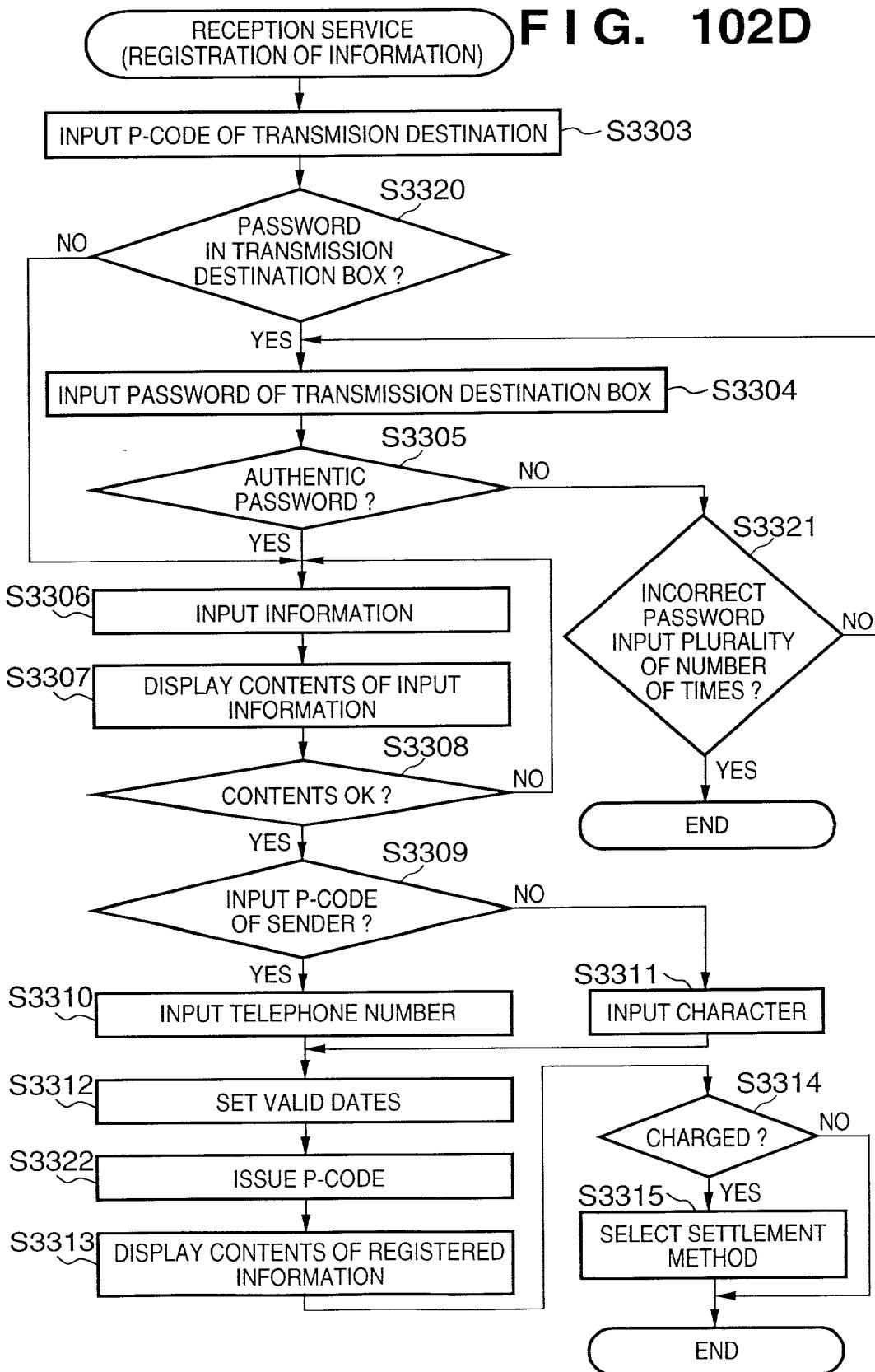


FIG. 102C

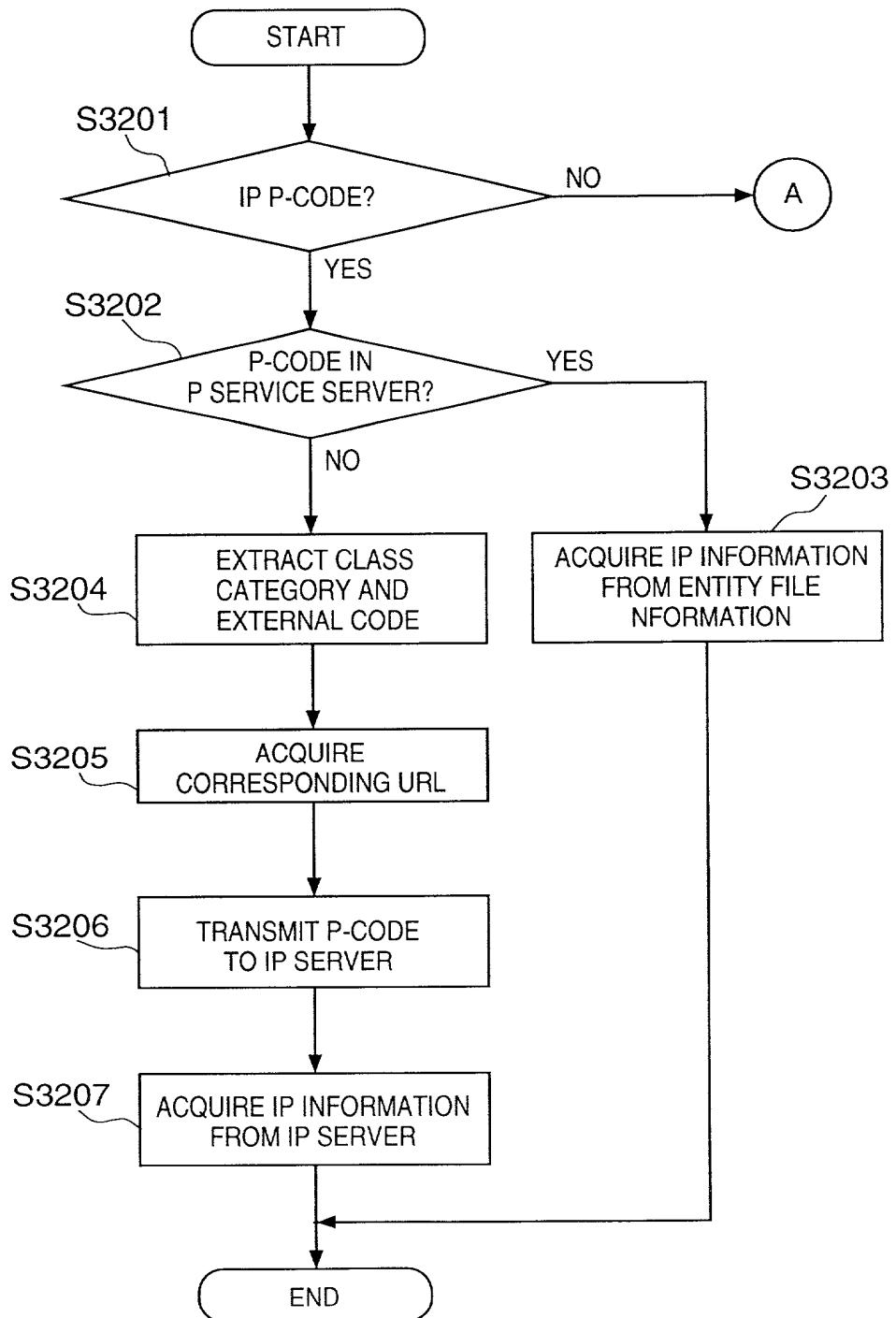


## F I G. 102D

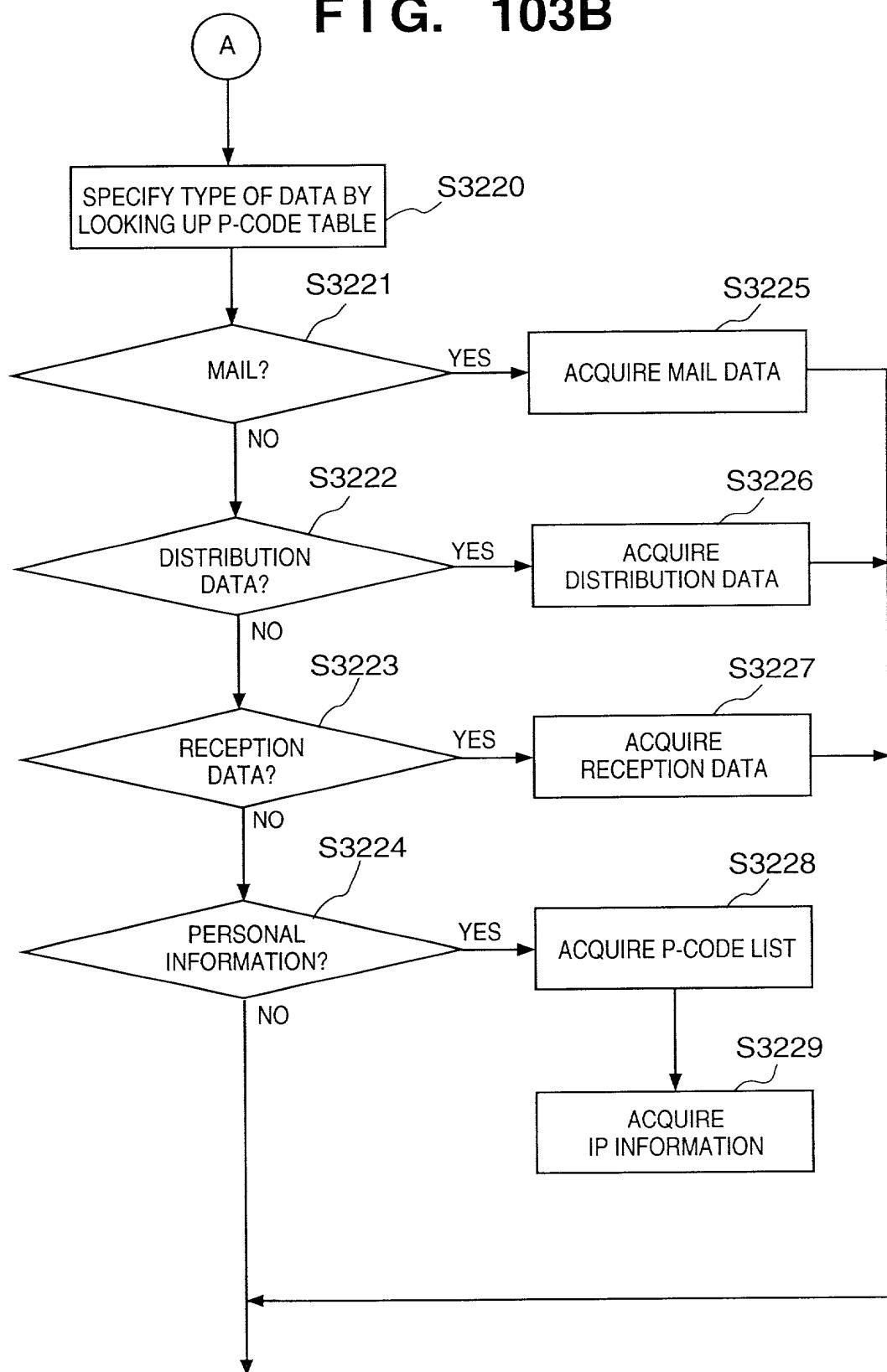


## FIG. 103A

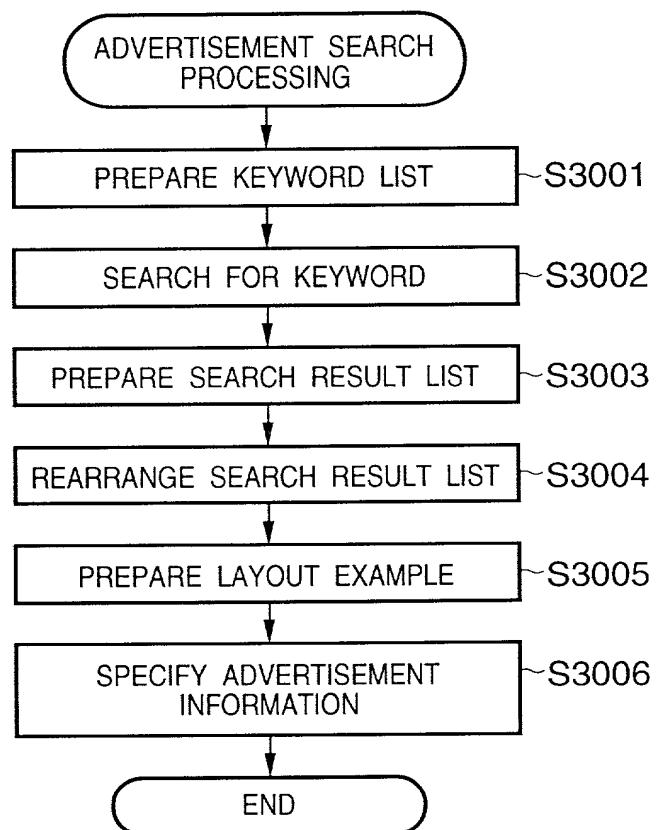
## ACQUISITION OF IP INFORMATION



## F I G. 103B



## FIG. 104



**FIG. 105A**

IP INFORMATION LIST	
KEYWORD	WEIGHT
MARRIAGE	+10

**FIG. 105B**

USER REGISTRATION LIST	
KEYWORD	WEIGHT
TOKYO	+1
25 YEARS OLD	+1

**FIG. 105C**

P SERVICE TERMINAL LIST	
KEYWORD	WEIGHT
SAITAMA	+1

**FIG. 105D**

HIGHEST PRIORITY LIST	
KEYWORD	WEIGHT
ADMISSION	+5
CHINESE CUISINE	+4

**FIG. 105E**

LOWEST PRIORITY LIST	
KEYWORD	WEIGHT
TOKYO	+1
KANAGAWA	+1

**FIG. 106A**

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+++	+100
	-5	***	-50
	+3	- - -	+30
	-4	+ - +	-40
	+7	* - *	+70

**FIG. 106B**

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@@*	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

**FIG. 106C**

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	++@	+10
	+5	* ++	+5
	-5	@ * @	-5

**FIG. 106D**

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	++/	+50
	+3	* /*	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

**FIG. 106E**

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

FIG. 107A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

FIG. 107B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

FIG. 107C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

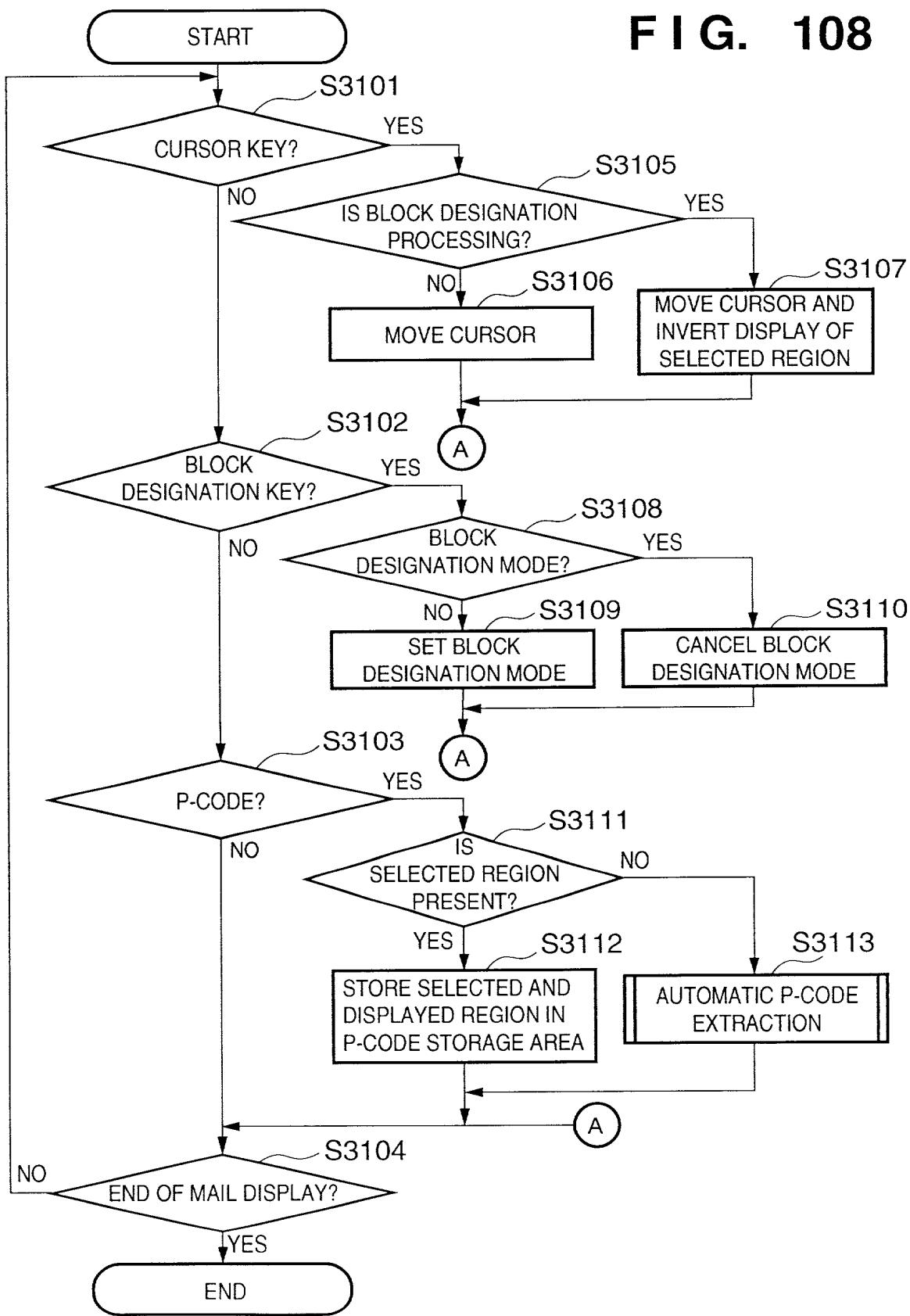
FIG. 107D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

FIG. 107E

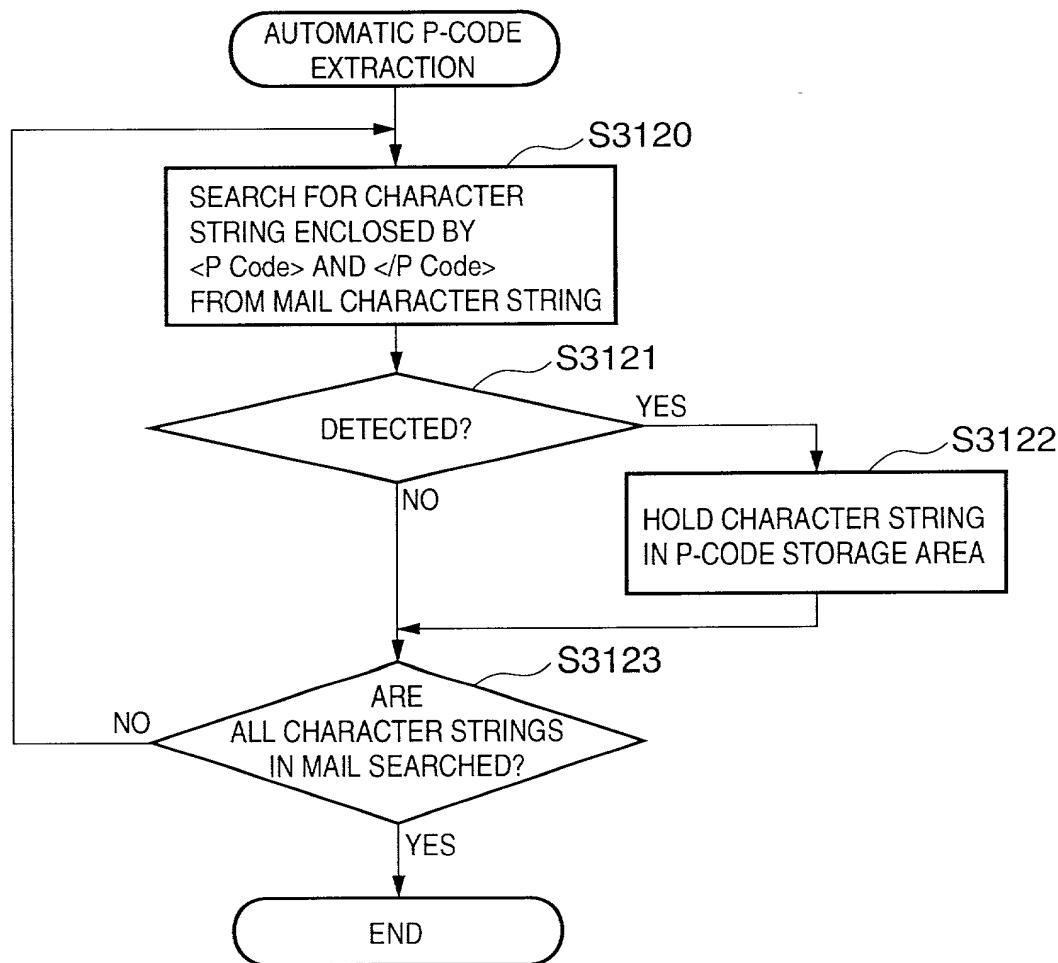
SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

**FIG. 108**



## FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



## P-CODE TRANSMISSION FUNCTION

&lt; INITIAL WINDOW STATE &gt;

FIG. 110

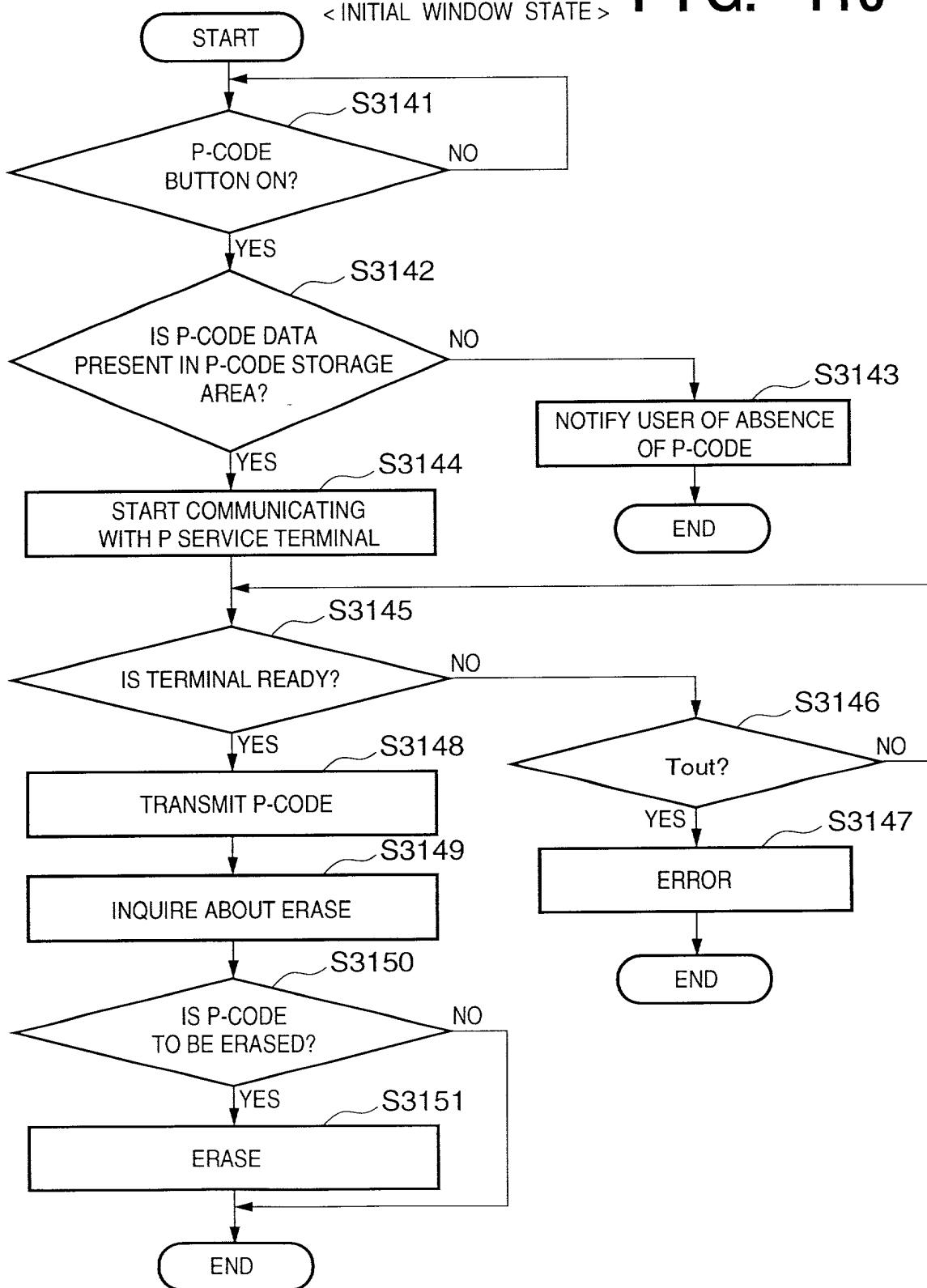


FIG. 111

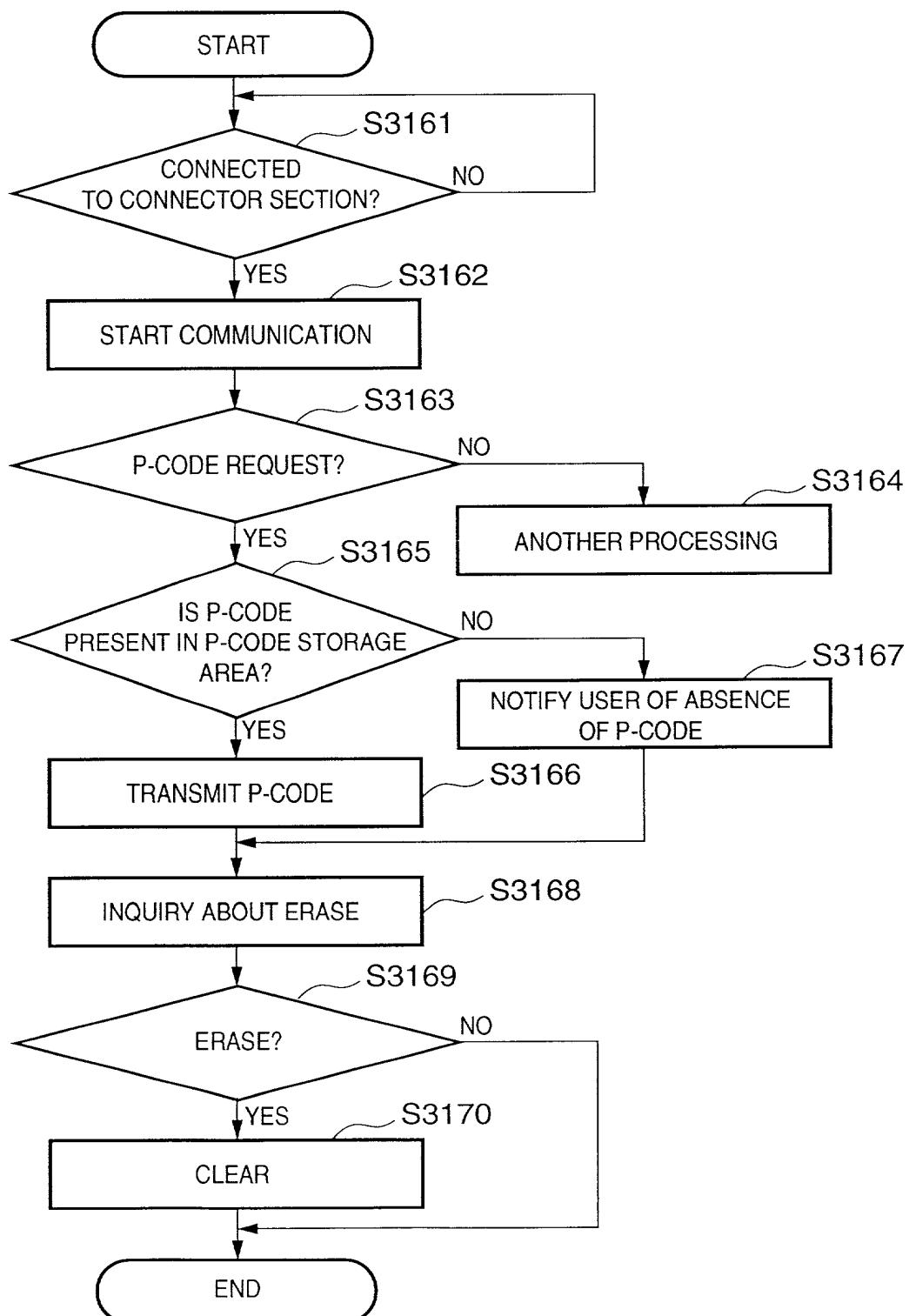
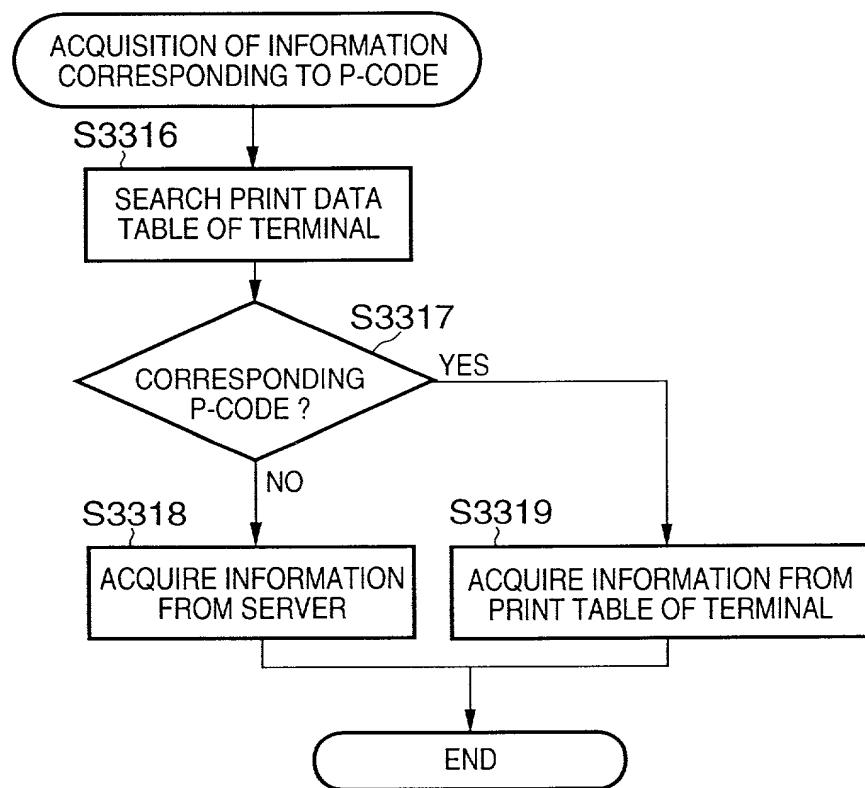
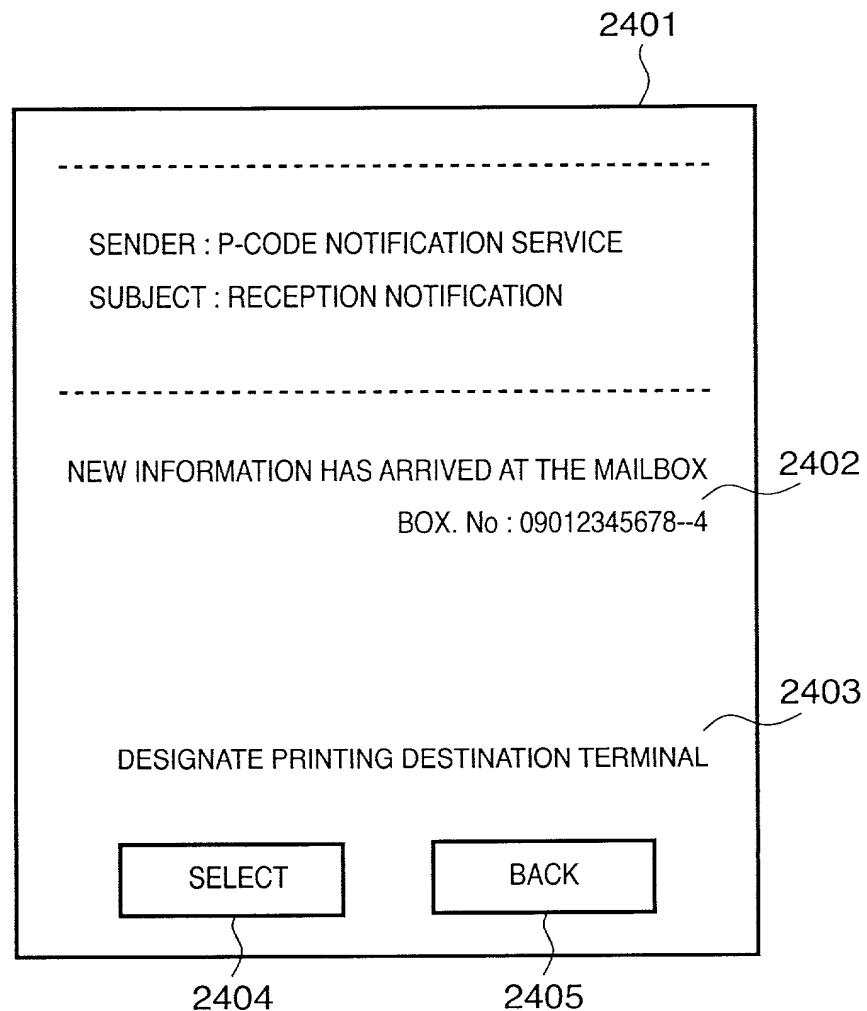


FIG. 112



## FIG. 113

### RECEPTION NOTIFICATION SERVICE FLOW ( 1 ) NOTIFICATION MAIL WINDOW

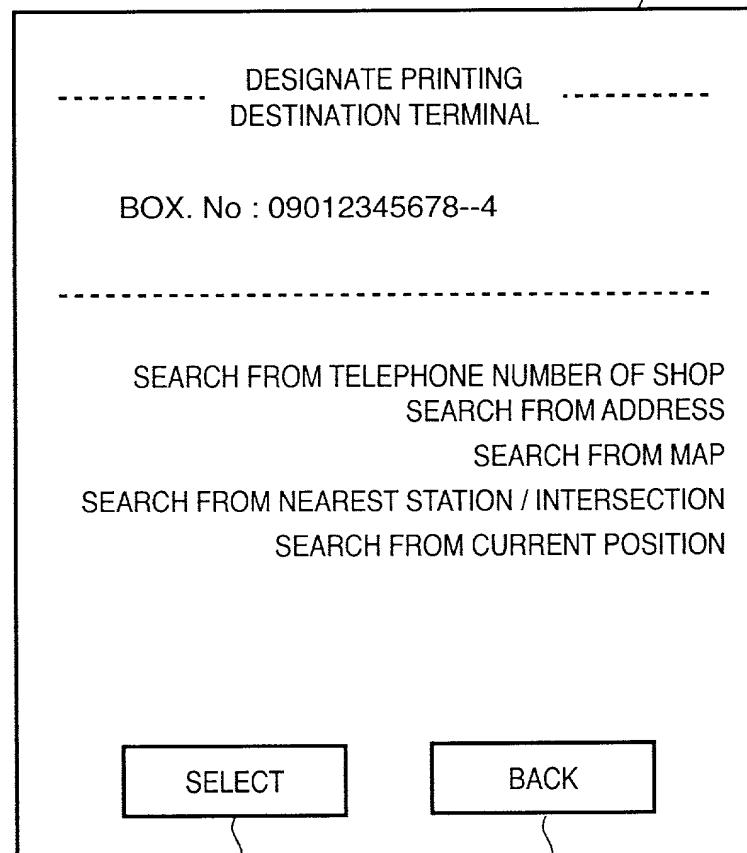


## FIG. 114

RECEPTION NOTIFICATION SERVICE FLOW ( 3 )

PRINTING DESTINATION TERMINAL DESIGNATION WINDOW

SEARCH FOR TERMINAL 2406



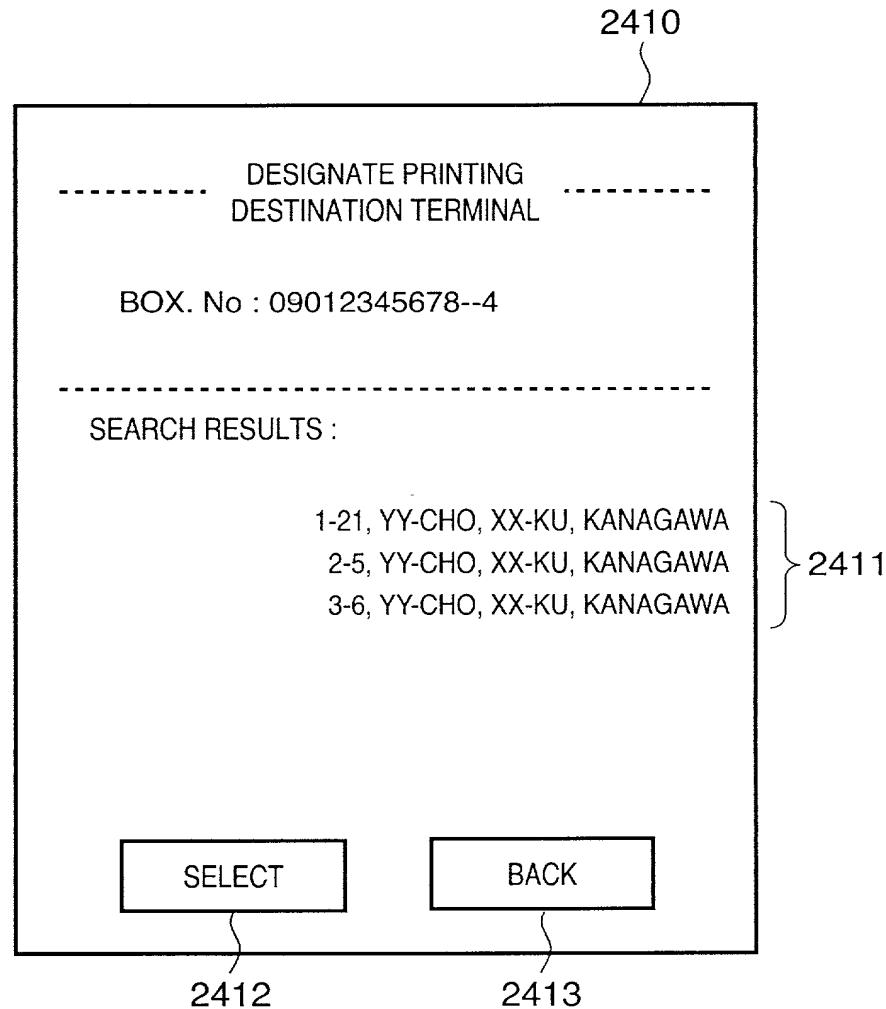
2407

2408

2409

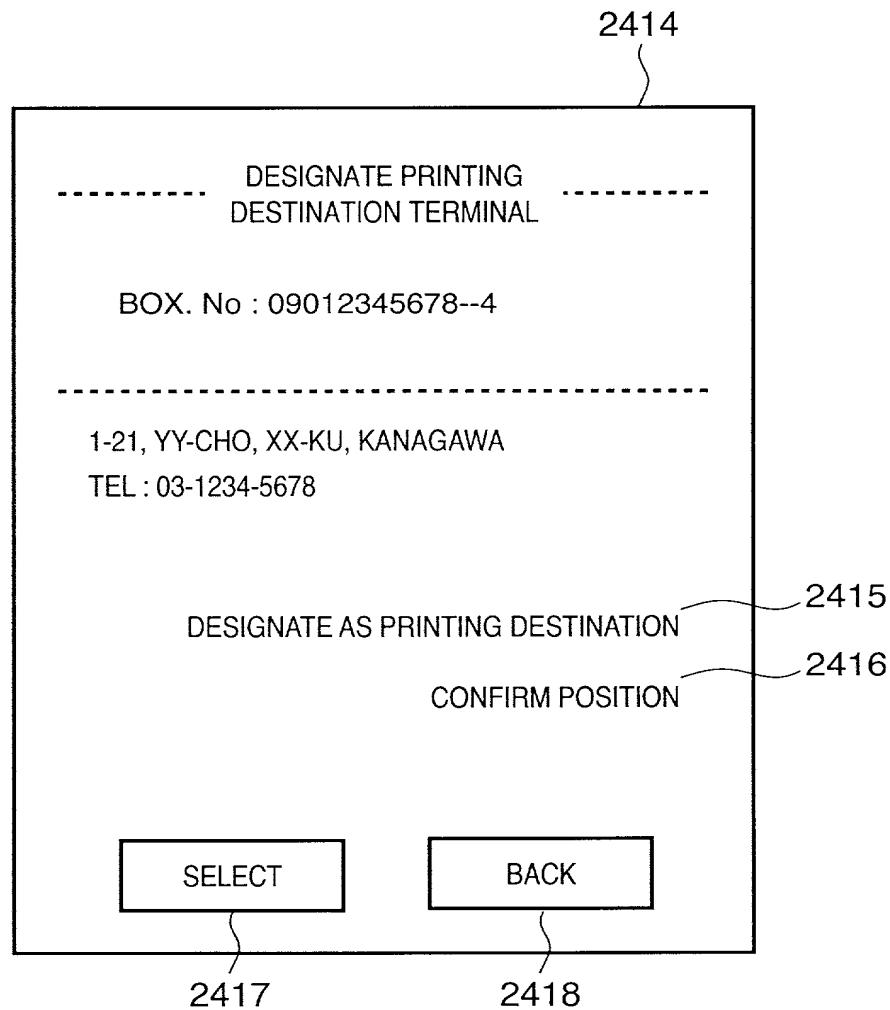
## FIG. 115

RECEPTION NOTIFICATION SERVICE FLOW ( 4 )  
PRINTING DESTINATION TERMINAL DESIGNATION WINDOW



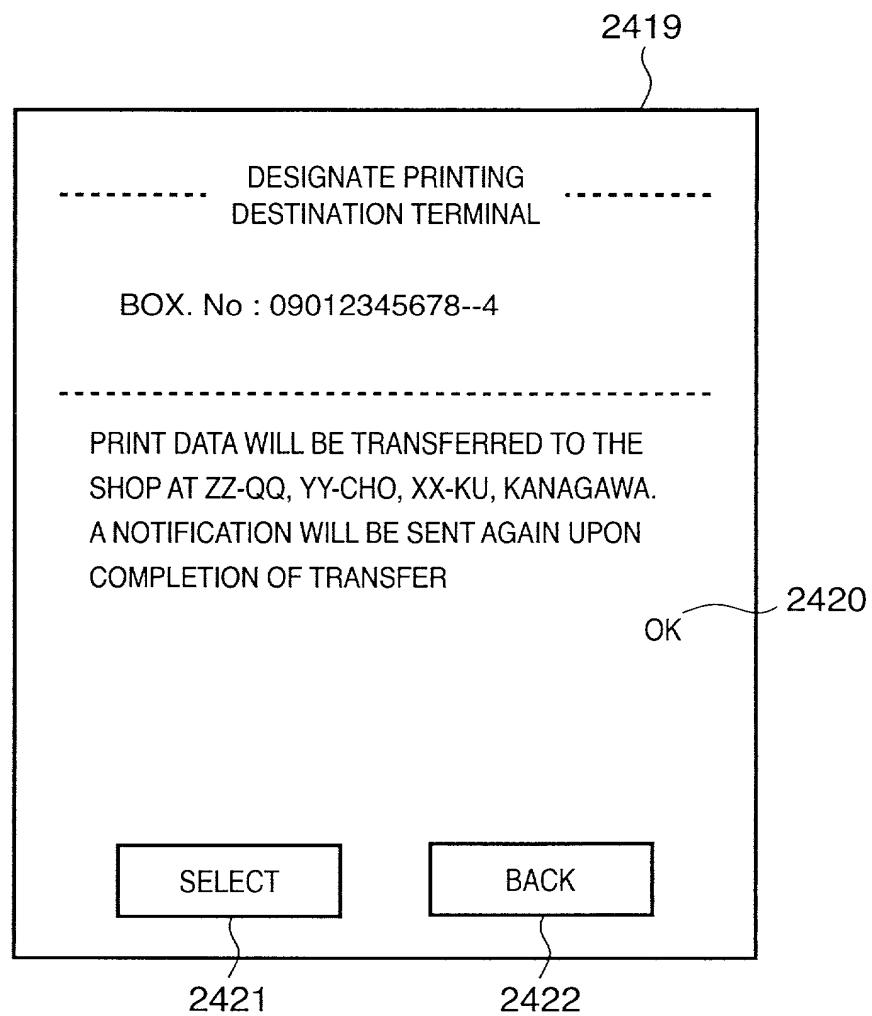
## FIG. 116

### RECEPTION NOTIFICATION SERVICE FLOW ( 5 ) PRINTING DESTINATION TERMINAL DESIGNATION WINDOW



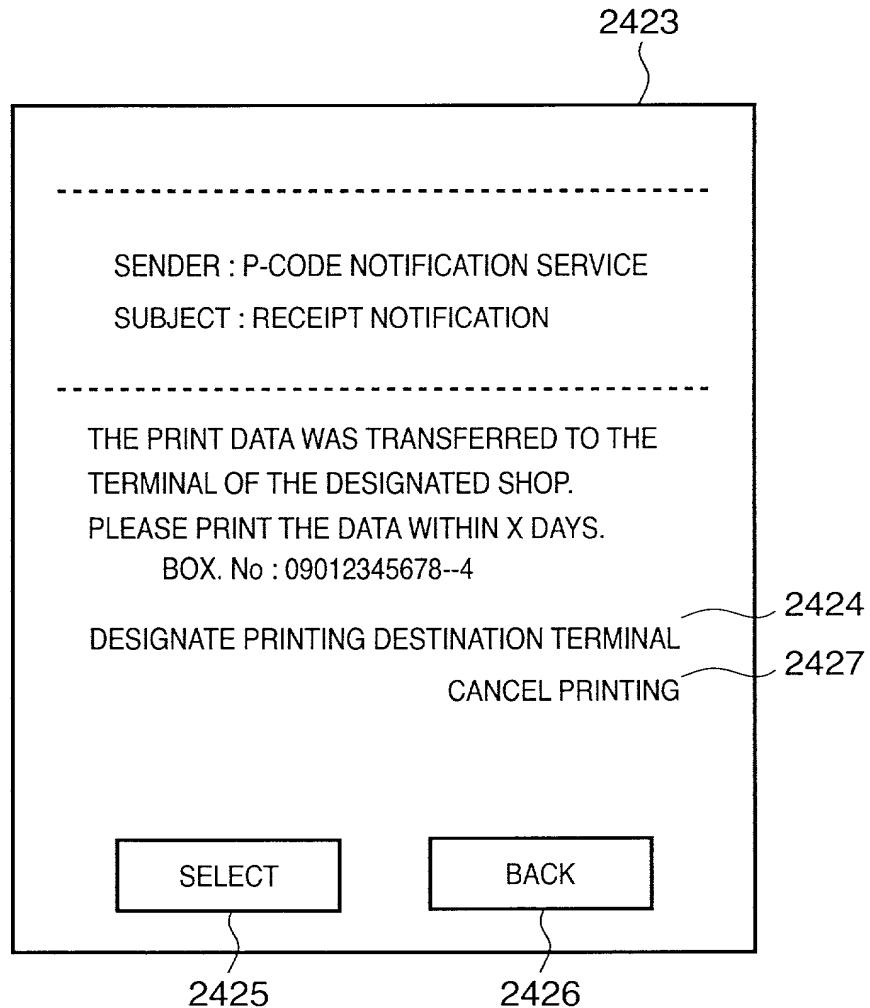
## FIG. 117

RECEPTION NOTIFICATION SERVICE FLOW ( 6 )  
PRINTING DESTINATION TERMINAL DESIGNATION WINDOW  
DEFAULT SETTING OF PERSONAL INFORMATION



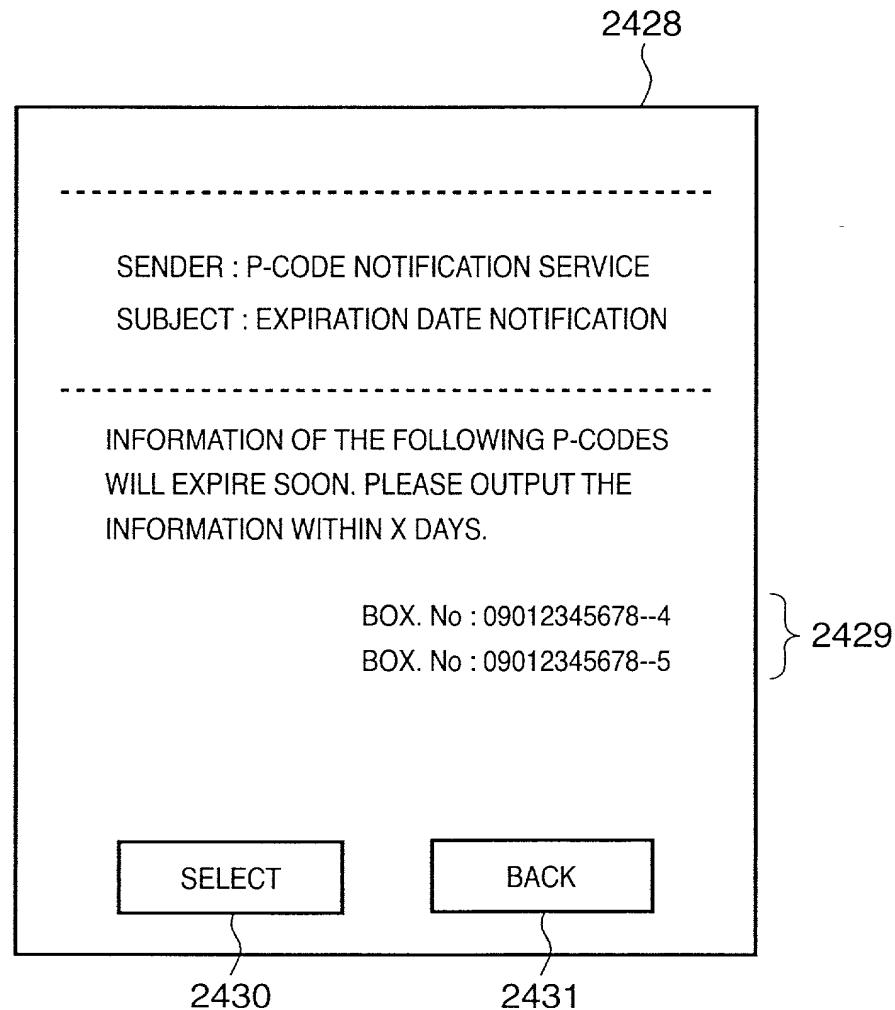
## FIG. 118

### RECEIPT NOTIFICATION SERVICE FLOW ( 1 ) NOTIFICATION NAIL WINDOW



## FIG. 119

### EXPIRATION DATE NOTIFICATION SERVICE FLOW ( 1 ) NOTIFICATION MAIL WINDOW



## FIG. 120

### EXPIRATION DATE NOTIFICATION SERVICE FLOW ( 2 ) NOTIFICATION MAIL WINDOW

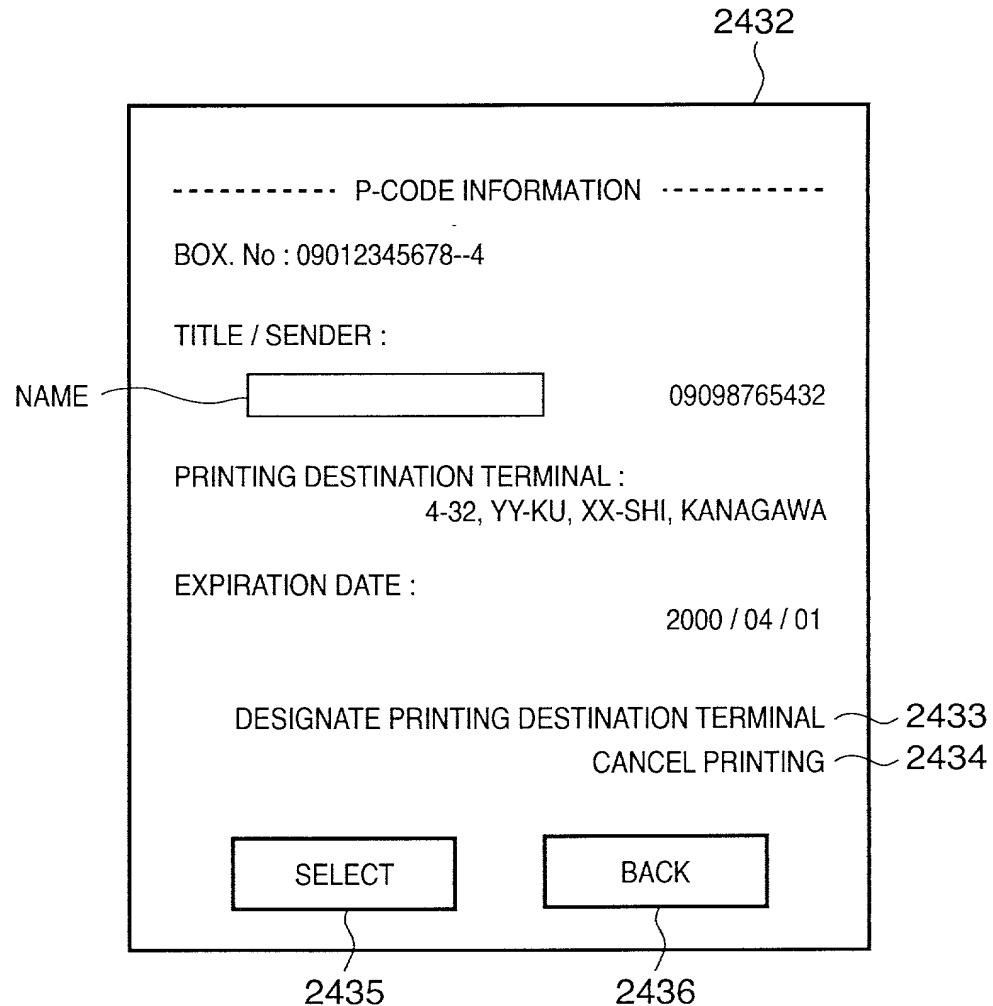
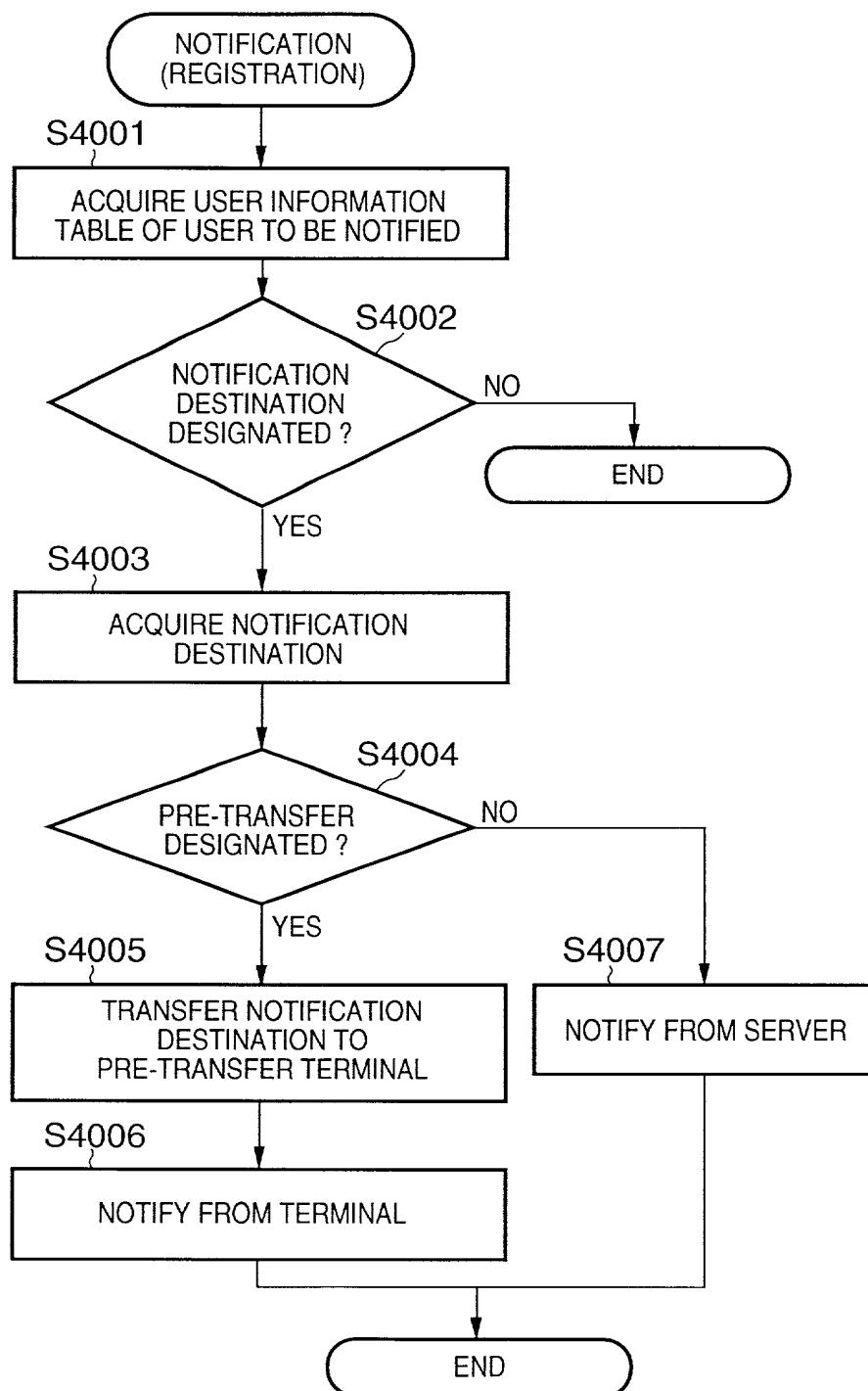
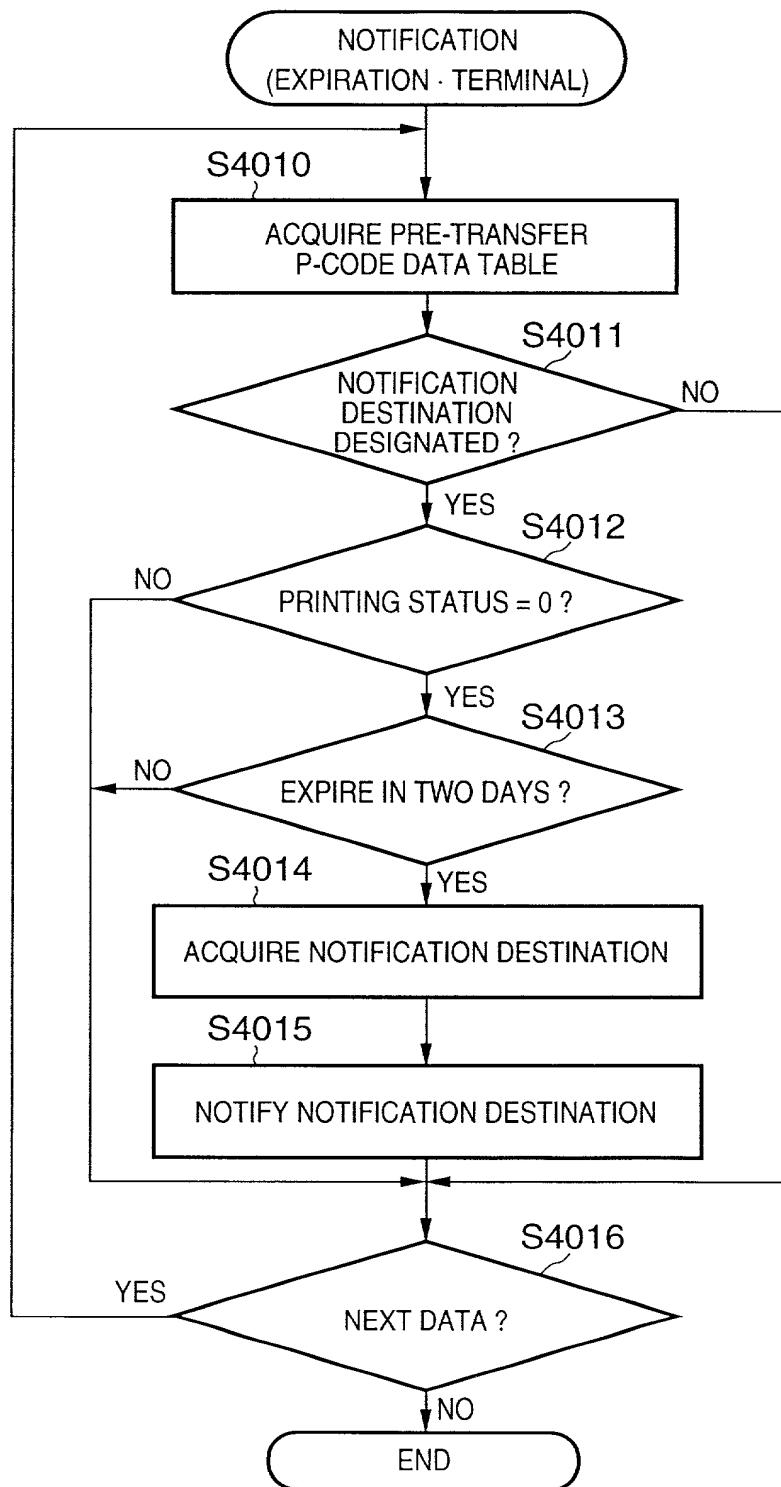


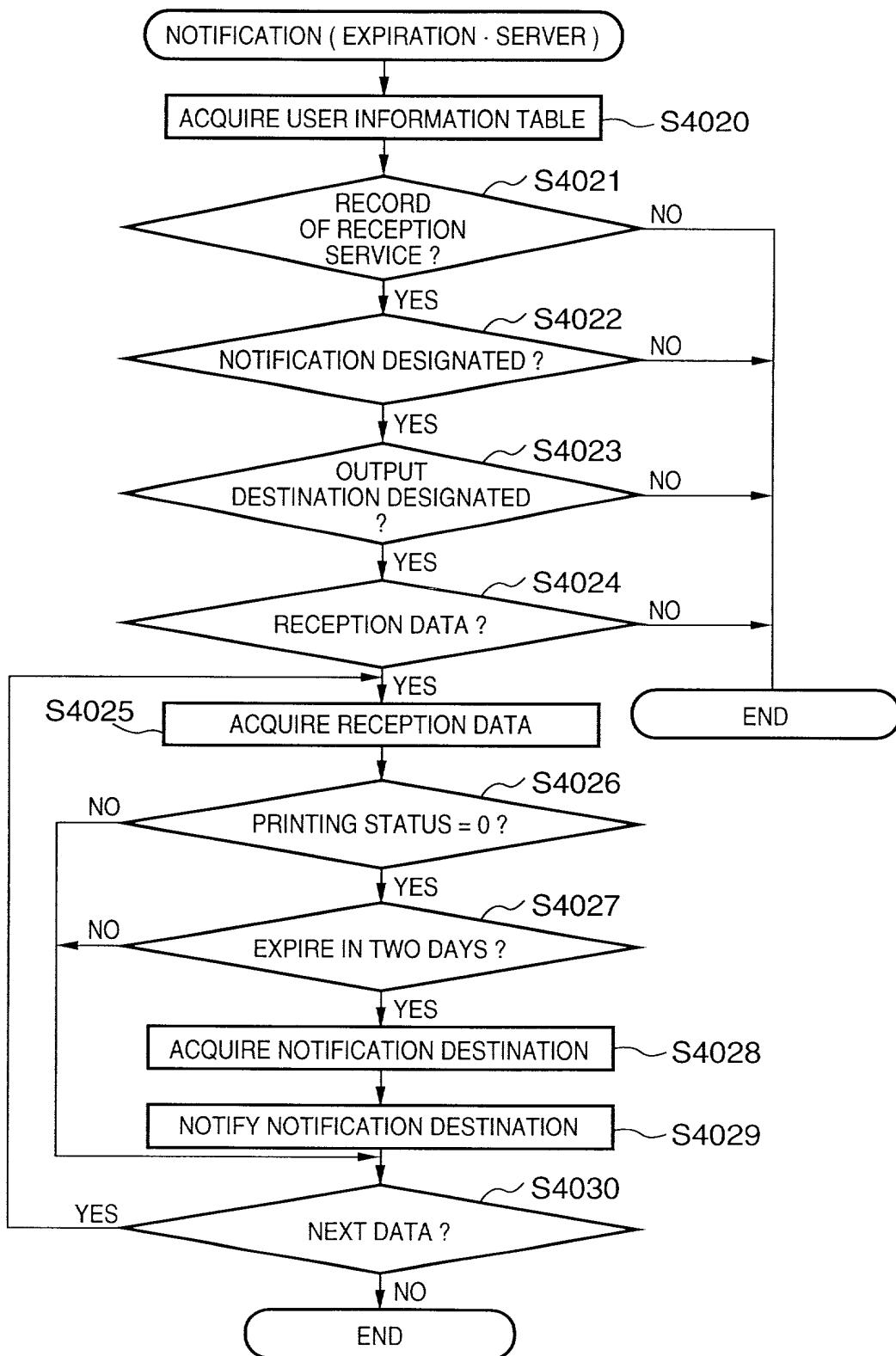
FIG. 121



## FIG. 122



## FIG. 123



## F I G. 124

